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Demobilization Program
O.S.R.D and R.R.L.
1944-45

OFFICE OF SCIENTIFIC RESEARCH AND DEVELOPMENT

TO: Office of the Director
Chief, Scientific Personnel Office
Office of Field Service
Liaison Office
Section T
Office of the Executive Secretary
NDRC Members
Office of the Chairman, NDRC
Engineering and Transition Office
NDRC Division, Panel Chiefs and Deputy Chiefs
NDRC Section Chiefs
NDRC Division, Panel and Section Members
Technical Aides, Special Assistants and Administrative Assistants
CMR Members
Office of the Chairman, CMR
CMR Division and Section Chiefs
CMR Technical Aides, Special Assistants and Administrative Assistants

FROM: V. Bush

SUBJECT: Plans for the Demobilization of the OSRD

Introduction

The OSRD is a wartime agency and will go out of existence at the end of the war. It was created to meet a national emergency and we can take pride in the results of our efforts as they have appeared in the form of new weapons and techniques and new medical procedures and materials on the fighting fronts all over the world. Our task is not yet finished, but we are at that stage of the war when specific plans for the demobilization of the OSRD should be formulated, not only in order to preserve the value of those projects not yet completed, but also in fairness to the many men and women who have devoted their best efforts to the work of this Office during the war.

A. Present Program

As long as the war with Germany lasts we should proceed as at present. The end of this part of the war may come soon, or indeed it may not if there should be some sudden reversal of trends. We cannot afford to assume this part of the war is finished, and should now continue at full speed as we have in the past.

B. Obligations to be Met

During the transition period from the end of the war with Germany to the defeat of Japan, I feel that the OSRD has three obligations which should guide our thinking:

(1) The obligations to the Services to render all necessary aid until the war is finally and completely won over all our enemies. Planning and action on transfer and termination of certain projects must be so arranged that they do not delay or interfere with the rapid prosecution of projects potentially useable against Japan.

(2) The obligation to the nation to provide that our very considerable concentration of scientific and technical facilities is redistributed to serve reconversion and peacetime needs with the greatest efficiency consistent with the performance of our first duty to the Services.

(3) The obligation to OSRD personnel to provide them, as far as we can possibly render aid on the matter, opportunities to return to constructive effort in time of peace.

In order to meet these obligations it is necessary to begin our planning now. The fall of Germany will materially alter the military picture. Some types of weapons needed in the war on Germany are not of equal importance in the war on Japan or will not be completed in time to be useful, and therefore, research in some of these fields may well be transferred to the Services or terminated by OSRD. The defeat of Germany will shorten the war with Japan and thus reduce the justification for the OSRD to continue its long-range projects. Servicemen and war workers will start to be released from their wartime occupations and will need jobs or to resume their education which can be provided fully only through the aid of technical men. A sizeable portion of the nation's best technical manpower is now tied up on OSRD projects and such scientists and engineers should be released in order to renew our educational program of teaching and research and in order to facilitate the rebuilding of peacetime industries and to create jobs as soon as is compatible with our obligations to the Services. It will be more readily possible to continue really essential jobs effectively until they are finished if we have a complete plan for the guidance of all concerned. Moreover, the continuation of important long range projects under direct Service contract allows greater prospect of continuity of the program, both to the contractor and to his personnel, than can possible be provided by a temporary war agency which must go out of existence when the war is over.

C. Demobilization Plan

Therefore, I wish now to prepare, in order to have in readiness on the day Germany surrenders, an orderly plan for the demobilization of the OSRD. When Germany surrenders or collapses, I will issue an order setting a day on which the plan for demobilization of OSRD will be put into effect. This will be very soon thereafter. An outline of this plan is contained in my letter to the War Department of August 8, 1944, a copy of which is attached.

NDRC Projects

In line with this plan the OSRD responsibility for projects carried on by the NDRC is to be ended in an orderly manner as soon as practicable after German has been defeated. Steps to terminate OSRD responsibility on NDRC projects should be started on the day noted in the preceding paragraph. Termination of OSRD responsibility on NDRC projects means termination of the project itself only in those cases in which the project is neither potentially useable against Japan nor of long range continuing interest sufficient so that the Services are willing to take over OSRD responsibilities. Furthermore, it is expected that NDRC personnel will be willing to continue to assist the Services in connection with transferred projects by advice or consultation to the extent that such advice may be requested by the interested Service and as far as such personnel can devote their time to such work. Divisions whose projects are very largely directed toward the war against Japan need not await the defeat of Germany to put into effect plans for immediate and vigorous prosecution of important efforts and subsequent transfer and termination. There are several ways in which these projects are to be treated, depending upon the classification of each project.

All OSRD projects are carried on either -

A - as individual projects, under one or several contracts, or

B - under broad central laboratory contracts comprising a number of projects.

Although the same criteria are to be applied in determining those projects which should be continued for an interval or transferred and those which should be terminated as rapidly as conditions will allow, the procedures for termination differ between A and B and hence they will be treated separately. NDRC undertakings will fall into one of the following groups:

A - Individual Projects.

All such projects should be classified as follows:

Group 1

1. Projects which should be terminated after the defeat of Germany because there is neither a reasonable probability of their being useable against Japan (Group 2)nor are they of long range continuing interest to the Services (Group 3). These should be immediately placed on a schedule of termination which will preserve values already attained, and provide for the rendering of final reports.

Group 2

2. Projects rated by the Services* as having an intrinsic value for use against Japan. These should be sub-divided further into:

(a) Those in which OSRD laboratory development can be completed in 3-4 months (or in exceptional circumstances 5-6 months.) Such projects should be completed as rapidly as possible under existing OSRD arrangements, provided that there are adequate assurances that both OSRD and contractor's personnel will be available to complete them, after which the contract or contracts involved should be immediately placed on a schedule of termination** which will preserve values already attained, and provide for rendering of final reports.

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*Divisions and Panels should determine Service ratings in consultation with officers of the interested Service, such ratings to be reviewed by NDRC before final action by the Director.

**Termination schedules should set forth dates when experimental work stops, final reports due, final expenses incurred, readiness for final accounting, etc. and should cover direct contracts and associated sub-contracts. All plans for transfers of property are to be worked out in consultation with the Contracting Officer and must have his approval.

(b) Those in which OSRD laboratory development will require more than 3-4 months to complete. Such projects should be transferred to the interested Service. Preferably this should be done by the Services entering into a contract identical with the OSRD contract, wherever the contractor is willing, under which the work will continue when the OSRD contract is terminated. Where the contractor is not prepared to continue under direct Service contract, or where the Service does not wish to make the contract, OSRD should schedule an orderly termination of its contracts and stand ready to aid the interested Service in finding another contractor or in transferring the work to a Service laboratory.

Group 3

3. Projects (other than 2 above) rated by the Services as of sufficiently great importance to be classified as urgent, long-range, continuing, peace-time developments and which the Services are prepared to continue into the peace on some scale either by contract or within Service laboratories. Such projects should be transferred to the interested Service or to other post-war military research agency, either by transfer of the OSRD contracts where the contractor is willing, or under some new contract or contractor, or by the establishment of the project in a Service laboratory. In any case, OSRD should withdraw by terminating its contracts.

B - Central Laboratory Projects.

The projects of each central laboratory should be classified in the three groups (1, 2 and 3) in which individual projects are classified.

1. If all of the projects of a central laboratory are in Group 2 and OSRD laboratory development can be completed in 3-4 months, these projects should be completed as rapidly as possible under existing OSRD arrangements, provided there are adequate assurances that OSRD and contractor's personnel are available to complete them, after which the contracts involved should be immediately placed on a schedule of termination unless the Services wish to continue the projects and in such case they should be handled as outlined in (3) below.

2. If all projects fall in Group 1, the contracts under which the laboratory operates should be immediately placed on a schedule of termination which will preserve values already attained, and provide for the rendering of final reports.

3. Generally there will be projects in all three groups in the program of a central laboratory. In such cases the overall termination plan should first divide the work into groups, and then form a schedule for each group, and combine these into an overall schedule. The objective sought in the transfer of the OSRD contracts under which the laboratory is operated to the interested Service with a minimum of delay and interference with the projects in Group 2. The first step to be taken in such central laboratories is to terminate all projects in Group 1. Where the interests of both Services are about equal and neither Service interest predominates it will have to be established in discussions with the Services whether they will wish to work out some joint administration, whether one Service will take over the contract and serve the needs of the other, or some other plan. In any case, the OSRD should take prompt steps to schedule the termination of its contract responsibilities for such central laboratories. It should stand ready to assist the Services and the contractor in reaching agreement as to the basis on which the central laboratory activities are to be continued.

After the defeat of Germany NDRC should recommend new projects, or the extension of existing ones, only

1. In order to complete schedules of termination, prepared in accordance with this policy, and approved by the Director.

2. In cases where it can be clearly shown that a definite result can be attained in the war against Japan under OSRD contract, which could not be obtained by direct Service contract.

All schedules of termination, except those for immediate and complete transfer, should be accompanied by statements as to the supervisory personnel which is expected to be present, in OSRD and in the contractor's organization, for the completion of the work.

In preparing schedules of termination there must be allowance for a period, after the cessation of active research under the contract, for the preparation of final reports, final accounting, and the completion of patent obligations.

Within any large laboratory there are generally three main types of activity--research, weapon development, and field service. The field service may function quite independent of the research and weapon development activities of the laboratory, but may also be the activity which is most likely to be effective in the war against Japan. The research and development activities will generally involve a considerable amount of plant and services and hence require longer to demobilize than the field service which involves principally personnel. Consideration should be given to these factors in the preparation of plans for the scheduling of termination of OSRD responsibilities in central laboratories.

I have asked NDRC to supply me at as early a date as possible with a list showing the assignment of NDRC projects as among the preceding groups, and the termination plans and schedules of each Division, Section and Panel. Information must be assembled concerning the way in which each OSRD project will be handled and the earliest date at which OSRD responsibility can be terminated. Conversations at all levels between the Divisions, Sections, and Panels on the one hand and the various branches of the Army and Navy on the other should take place in the studies of project classification, but no commitments will be binding which are not specifically approved by the Director in agreement with the one officer in each Service with whom such matters are to be settled. Plans for transfer and termination which are to be formulated by Divisions and Panels will be reviewed as soon as they are ready by the NDRC and the Director. During the preparation of plans and schedules, questions of policy not covered in this memorandum may be referred to NDRC and by them to the Director.

CMR Projects

The situation with the CMR projects is somewhat different from that of the NDRC. The need for weapons stops abruptly when the fighting ends. Unfortunately the need for medical work does not. The treatment of the sick and wounded, the rehabilitation of the disabled, and the maintenance of the health of the Armies of Occupation must continue long after the shooting stops. Moreover, the considerable lag between the research upon a new weapon and its introduction into combat makes the reduction of research activity one of the first logical steps when the end of the war can be seen approaching; while a new method of treatment of disease can often be introduced without so great a delay.

For these reasons the CMR projects need not be wound up so rapidly as the NDRC work. However, the OSRD will terminate with the war. Therefore, the CMR projects should be classified and scheduled as are the NDRC projects.

But more time may be given to terminating the CMR work, and may well be needed if, as seems possible, the Services and the Public Health Service decide to organize themselves to take over and continue a larger proportion of CMR work than of NDRC.

Distribution of OSRD Assets

The physical assets of OSRD belong to the Government and will be disposed of according to established procedures.

However, its most valuable assets are its personnel. The first responsibility of its personnel will be to finish the present job of aiding in the successful prosecution of the war. To this end, as projects are transferred to the Services, I trust that our personnel who have been active in the formulation and supervision of such projects will be able to render to the Services such continuing advice and consultation as they may request. As projects are terminated the Scientific Personnel Office will assist in the transfer of contractors' personnel thus released to other projects which have urgent need for such personnel for completion under OSRD auspices or continuation by contract under Service auspices.

The personnel of the OSRD have been drawn from professional and technical occupations that are essential to a successful peacetime economy, especially at a time when industry will need new products and processes, and academic institutions will need enlarged teaching staffs, to provide education for demobilized soldiers and war workers. Thus, when the war research program permits, it is essential that scientific and technical men be returned to peacetime occupations with as little confusion and loss of efficiency both to scientific and technical organizations of the country and to the life of the individual as possible.

Many of the OSRD personnel are volunteers or on loan from industrial and academic institutions and have heavy and important peacetime responsibilities to which they will return. Others have severed their pre-war connections, or for various reasons may not wish to continue them. In order to facilitate the demobilization of personnel we shall continue the operations of our Scientific Personnel Office through the transition period. As a first step I am asking that a list be prepared of the professional personnel who will desire new peacetime work when they leave the OSRD. This list will be made available to the members of the staff whose peacetime positions are already established, and who, as we all know, have a broad knowledge of the technical needs of the country and influence in filling them. It will also be made available to industrial and other organizations seeking new personnel. The Chief of the Scientific

Personnel Office will communicate with the scientific and technical personnel of the OSRD in the near future concerning the services which his office is prepared to render.

It is possible that many of the staff will readily find the peacetime occupations they wish to take up at such time as they can be released. I hope that this will be so; but also I trust that the time of assuming these new responsibilities can be scheduled and kept in orderly relationship to the scheduled termination of the OSRD.

Similar arrangements will be made to assist non-professional personnel to make re-adjustments to peacetime positions. It is to be expected, however, that a very considerable number of such personnel will be required for some time within the OSRD organization for work in connection with the winding up of the numerous contracts, completion of reports, and similar matters.

In addition to the professional personnel of the OSRD, the Scientific Personnel Office is making a study of the problems of redistribution of the professional personnel of contractors, and will shortly supply to contractors a statement of the help and services which it could render them and their staffs during the transition period.

* * * * * * * *

This document has been prepared after many conferences and consultations. It will undoubtedly need to be amended, nevertheless, as we proceed on a program of termination of OSRD and transfer of parts of our program to the Services. Suggestions for amplification or revision will be welcomed as experience on termination accumulates.

I am sure that all of this can be handled satisfactorily, and that this remaining period of OSRD activity will be one in which we shall continue to serve effectively in the defense of the country, and with the minimum of inconvenience or discomfort to the members of the staff and the contractors who have worked together so effectively during the most difficult part of the war.

/s/ V. Bush
Director

Copied RRL 9/15/44 em

ROUGH DRAFT 5/28/45

FUTURE ACTIVITIES AT RRL

1. The field of activity of RRL is radar countermeasures. This can be broken down into three subdivisions: (a) offensive countermeasures (Window and jamming), (b) search and direction finding on enemy radar signals, (c) anti-jamming, i.e. protection of our own radar against offensive activities of the enemy.

2. The research and apparatus development activity in the field of radar countermeasures for which this laboratory now has commitments to the Services is sufficiently well along that by September the laboratory will be running low on work to do, as shown by Exhibit A. By January 1, 1946, all present research and development commitments except those having to do with antennas will be met.

3. There is no reason to believe that the laboratory will be asked to undertake a large number of new commitments, particularly commitments representing sustained effort over a substantial period.

Thus even the Navy shipborne countermeasures program is now in good shape, although Ships was the last Service branch to define clearly a countermeasures plan. In a letter dated May 8, 1945 from Admiral Furer to Dr. Stewart, the Navy submitted a review of project requests so that the shipborne program might "more closely conform to the presently desired countermeasures program." Of the projects for which the acceptance was requested, there were none which were in the field of the Radio Research Laboratory, that were not already included in our existing program.

As of V-E day the laboratory had completed the development of and sent to the manufacturer airborne jammers for all frequencies up to 4000 mcs (which includes all known German and Japanese radar frequencies and many frequencies not in use by them). Radar search and direction finding equipment for both shipborne and airborne application up to still higher frequencies had also been completed and sent to the manufacturer. At the same time, anti-jamming work has progressed from the black box to the radar design level, and so has largely passed beyond cognizance of RRL.

4. The Radio Research Laboratory performs certain functions other than research and development that while not an OSRD responsibility, nevertheless contribute materially to the war.

These include assistance in placing equipment in production (transition), liaison work which results in RRL not only being the best informed center on countermeasures problems, but also in its being able to supply needed coordination within the Army, or within the Navy, or between the Army and Navy. The Radio Research Laboratory also carries on field testing, and

evaluates equipment in its test laboratory. It settles such questions as how best to use existing equipment, and often initiates action leading to the improved use of existing countermeasures equipment. The Laboratory also performs what might be called fireman service, in that it is available for emergencies. This has, however, become an activity of diminishing importance as all types of countermeasures equipment has become available in large quantity, and since the Army developed its crash procedure.

5. Before the end of this year, the Radio Research Laboratory stands to lose a substantial part (well over 50 per cent) of its key technical administrative personnel who are now on loan from their normal employers. If the job freezing controls are relaxed between now and the end of the year, there will be a further unavoidable loss of personnel.

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PROPOSED PROCEDURE

In view of the above factors it is suggested that the Laboratory pursue the following policies:

1. Complete all existing Service commitments as rapidly as possible, and do not release staff voluntarily where doing so would interfere with this plan. This policy would be announced publicly to the Services and the Laboratory.

2. Set up Alford as an independent contractor to handle antenna and direction finding work. This contract could be under NDRC or directly with the Services. It should take effect not earlier than October 1, and not later than January 1.

3. New project proposals would be examined carefully by the Laboratory and accepted only where we can do them more quickly and better than any other agency, and where there is expectation of significant operational use against Japan.

Terman, Cullum, and Byrne would administer this policy in the Project Committee in such a manner as to see that Service needs are met without tying the Laboratory up far beyond January 1, 1946.

4. The present staff will be asked to stay on to complete their existing projects wherever practical, but we will not then insist upon assigning to new projects those who will not be immediately useful to other projects. The extent we can go in this direction will be limited by draft considerations.

5. Field work in the Pacific will be supported to the maximum possible extent.

6. If the technical load at RRL tapers off in September, we will be ready to transfer or loan staff members to the Services and to such agencies as Dr. Bowles' office for operational RCM work, or to manufacturers concerned with countermeasures work, either leaving them on our payroll, or transferring, as seems appropriate.

7. After October 1 the Laboratory would maintain an organization to carry on field and laboratory testing, liaison, transition, consulting and coordinating functions, to the extent that seems desirable.

It is expected that with the tapering off of the research and development program this activity will likewise be a diminishing one, unless we should strenuously oppose this tendency.

* * * *

The effect of the above will be to cause RRL to start demobilization in fact in September without fanfare, without running away from any of our legitimate responsibilities, and without leaving a bad taste anywhere. By January 1 the activities at Cambridge will, in all probability, have become a small residue even though a few people may remain on the RRL payroll for sometime thereafter.

Special problems that might need to be settled:

1. Terman, Cullum, and Byrne positions.
2. How long can those on leave be assured of a leave of absence - Claflin says we can do nothing & unpaid is reason for release.
3. Problem of breaking leases.
4. Severance pay. Claflin says we can do nothing & if unpaid then release is justified.
5. Vacation policy. Jan 1, 1944 accrual is OK.
6. Employment interviews. Claflin says no.
7. Harvard's attitude about RRL getting into other than RCM fields. Claflin says no.

Claflin agrees to all of proposals & also to following

Terman - should not leave Oct 1, but could afford increasing increments of time on Stanford affairs. Best way to handle it for Everett to take up with Tuttle.

Cullum - will start on a part time basis in Oct perhaps dropping to less than half time after Jan. Will not leave Cambridge until 1946. Peterson & Powell will be released by the Laboratory one in Sept, one in October.

Byrne - we will make him Assoc Dir & ask him to stay on until 1946. Pay appears to Claflin says will put through comp at anytime

efh

5/29/45

Exhibit A

Projects Active September 15 If There is No Curtailment of Present Commitments to Services

1. The following projects will in all probability not be completed by January 1.

M	Antennas for ships	Should continue into 1946
M	Antennas for planes	Should continue into 1946
M	Submarine DF	Might finish in 1945

2. The following projects represent Service commitments which it is not expected will be completed by September, but which will definitely be completed before January 1.

D2000	Airborne receiver	Hope to finish in 1945
9000 series	Elephant	Should finish in 1945
F	APT-4 modifications to use 612,675-7 and Malter tubes	Should finish in 1945

3. The following projects represent continuing study for which there are no formal Service commitments, and which can accordingly be closed by September 15, but which in many instances will continue longer if the Laboratory is still operating and personnel is available.

A3200	Squirrel Cage Magnetron	Could finish in October
B4800	Transformer design	Continuing study closes with end of transmitter development
F2900	Magnetron studies	Continuing study, closable anytime
G500,1100,etc.	Chaff studies	Continuing study will go as long as Taylor or Whipple available.
G600 - 700	Theoretical studies	Continuing study, closable anytime
Q1200 - 1600	Osc research	Continuing study, closable anytime after September 15, 1945
U1200	Microwave wattmeter	Continuing study, closable anytime
U1500	Microwave signal generator	Transferable to Hewlett-Packard after September 15 as desired.
U1600	High Frequency connector	Continuing study, closable anytime
M	Improvement in Direction Finders	Will continue as long as Alford is available

FET:efh

TO: All Laboratory Personnel

FROM: F. E. Terman DATE: August 31, 1945

SUBJECT: Demobilization of RRL

With the capitulation of Japan, the Radio Research Laboratory approaches the end of its existence. Our job during the war has been to devise countermeasures that would neutralize the enemy's radar equipment. With no active enemy, the immediate need for countermeasures has disappeared.

The work of the Laboratory is by no means entirely completed, however. While that part of our work which was useful only against Japan has been discontinued, some of our projects, as for example Elephant, are of continuing value to our military in connection with its postwar plans. Projects of this class are accordingly being completed to the point of models for the purpose of preserving values already achieved, and in many instances will then be transferred to the Services for continued research and development. In addition, there are reports to be written, drawings to be made, equipment to be dismantled, accounting, inventorying, building restoration, etc., which will continue for many months.

The present demobilization program for RRL contemplates that all activities, except those connected with accounting, property inventorying and disposal, and building restoration, will be completed by December 31, 1945, which is the expiration date of our present contract with the government. Active research and development will not continue on any project beyond November 1, although work on reports, drawings, and in some instances final testing and debugging will continue through November. This plan, approved by Division 15 of NDRC, has been reviewed by various branches of the Army and Navy, and is consistent with the instructions recently received by Dr. Bush, head of OSRD, from President Truman.

During the tapering off period between now and December 31, the services of many people will be required. In addition to the research, development, and associated shop and drafting activities which continue until November 1, there is a formidable report writing program which will occupy many research associates, illustrators, and drafting, Publishing Department, etc., well after that time. Service employees will be needed to keep the building clean, guarded, and to make alterations. Such departments as Personnel and Publishing will expand even though others such as Field Activities will diminish. Thus the work available at RRL will not dry up abruptly, although in many cases the nature of the work which individuals will be asked to do will change. Draftsmen may become illustrators, research associates and technicians will be given non-technical assignments, etc.

It is the Laboratory's policy to give anyone who may be laid off a minimum of 30 days notice, unless the discharge is for cause. Every effort will be made to adhere to this policy and all exceptions to it must be approved by the Director, and will be discussed with the individuals concerned before being made effective.

We are very fortunate in that the nature of our work is such that we do not face a contract cancellation such as has been suffered by many manufacturing

concerns in this area. We are able therefore to demobilize on a planned and gradual basis, rather than being required to institute an immediate forced liquidation.

In retrospect the members of this Laboratory have the satisfaction of knowing that they have contributed in an important way to the successful outcome of the war. We now know from intelligence information gained since V-E day that the countermeasures devices which we developed saved hundreds of Eighth and Fifteenth Air Forces planes and crews that would otherwise have been shot down by German radar-controlled flak. In the Pacific war, the countermeasures devices used by the B-29's contributed to the strikingly low losses suffered by these planes during the final months of the war. The U.S.S. Missouri today carries its complement of RRL developed countermeasures equipment into Tokyo Bay, as do all of the combat ships associated with it. Some of this equipment was even constructed in this building on a crash basis.

FET:efh

RADIO RESEARCH LABORATORY

HARVARD UNIVERSITY

MEMO TO: Mr. W. H. Claflin, Jr.

FROM: F. E. Terman DATE: September 6, 1945

SUBJECT: Demobilization of the Radio Research Laboratory

At your suggestion I am outlining herewith the demobilization activities now underway at the Radio Research Laboratory.

The present situation is closely tied to past history. Since last September when OSRD originally proposed its demobilization plan, RRL has followed a policy of scrutinizing very carefully new commitments, both those suggested by the Services and those originating in the Laboratory. In this way many proposed activities that were of dubious value to the present war, or which could be handled in other ways, were either never undertaken, or were deflected to other agencies. A result of the application of this policy was that no commitments were actually made after last fall that could not be discharged within about six months. In May, after V-E day, this policy was extended with your approval to provide for a planned contraction of the activity of the Radio Research Laboratory beginning September, 1945, together with increased concentration of the remaining effort on activities such as field work, transition, and liaison, that would be of immediate value to the war in the Pacific, and steadily decreasing emphasis on research and development. This policy was based on the fact that Japanese radar was so inferior that radar countermeasures developments already completed for use in the European War, including S-band jamming equipment, would easily be capable of meeting almost any conceivable need that might arise during the rest of the war. The chief problem in the Pacific was therefore the more effective and more complete use of equipment already available, or nearing availability, not the development of entirely new radar countermeasure devices.

This planning resulted in RRL having what might be called a highly "liquid" position on August 10 when the Japanese proposed capitulation. We had no commitments that were not scheduled for completion soon after November 1, and the organization was already prepared for a slow contraction that was to start soon. Full advantage has been taken of this favorable situation. By Friday, August 17, the first working day after the V-J holiday, a working committee of the RRL Project Committee had completed classification of all RRL projects, approximately 100 in number, recommending some for immediate cancellation, others for transfer to the Services, and suggesting that the rest be completed to the point of preserving existing values. This covered everything, with nothing left over to be handled by some yet to be established agency. Division 15 of NDRC had by August 17 also approved this classification both in principle and in detail, and in fact had adopted the same categories to classify the other projects in the Division. John Hogan of OSRD and Ward Davidson of NDRC had been acquainted with our activities and had given their informal concurrence. This tentative program for technical demobilization was presented to our group and division leaders on August 17, who were asked to report by August 20, the schedule according to which the manpower under their jurisdiction would no longer be needed if this program were put into effect. On the same day copies of the program were sent by courier to all of

the Army and Navy offices with which we do business in Washington, Dayton, etc., and on August 23 a meeting was held at RRL attended by 33 Service representatives plus Technical Aides from Division 15, and John Hogan of OSRD. At this meeting the plans proposed for the demobilization of the RRL technical program were discussed and complete agreement arrived at, with only several minor modifications being introduced. On August 25, the official OSRD policy reached RRL by telephone, and it was found that in so far as this policy affected RRL, it was identical with the program which we had already proposed, and which could accordingly now be formally put into effect.

According to this program field, model shop, and similar activities were stopped immediately with only a few exceptions where we were requested by the Services to complete work that was well along. Much of the research and development will be completed by October 1, and all active laboratory work on research and development will terminate November 1. It is expected that reports, invention disclosures, etc., can be completed by December 31, when our contract expires. The only work to be done after December 31, 1945, will be accounting, property disposal, etc. Adequate funds are available to carry the Laboratory to completion, and take care of all termination expenses.

The demobilization of RRL is being carried out with the aid of a committee, called the Management Committee. This consists of the four members of RRL having Corporation appointments that imply management responsibility, namely, Terman, Cullum, Byrne, and Breed, together with Donald B. Harris, representing NDRC. Within the committee, responsibilities for carrying out different parts of the program have been assigned as follows:

Terman: Reports, invention disclosures, Personnel.

Cullum: Transfer of projects, models, etc. to the services, declassification of countermeasures information.

Byrne: Completion of research and development program, including associated shop and drafting.

Breed: Business functions, including accounting, and property matters, and return travel.

As of August 18, we had 777 employees on the payroll and one of the important tasks ahead is to demobilize the organization in an orderly way so that our work is satisfactorily completed, and at the same time there is a minimum disturbance in the lives of the individuals concerned. Resignations are being received at a rapid rate, and we have already begun giving layoff notices, the first group being effective the end of September for personnel who are expected to be surplus at that time. It is expected that the rate at which separations from the payroll occur will increase steadily during September, and will be at a high level from late September until early November. From then on the rate will taper off rapidly as most of the personnel will be gone by the latter part of November.

Every effort is being made to give at least 30 days notice of layoff, and it appears that this can be accomplished in nearly every instance by insisting that those having administrative responsibility plan at least one month ahead, and by taking advantage of the fact that although certain of

August 8, 1944

our activities are diminishing others are expanding rapidly. To handle the latter situation pools have been established, and people who are no longer needed on their old jobs are released to a pool, and then reassigned by their pool leader to take care of new needs that arise. To date it has been possible to keep the supply and demand of personnel in balance within the pools, and in fact the pool of women employees at the present moment has too few people to meet all needs.

Dear Mr. Dundy:

Our Personnel Department was instructed August 10 to proceed on a placement program. The entire following week was reserved for Army and Navy laboratories; thereafter industrial concerns were allowed to interview our employees. This program has for some time been proceeding in high gear and with surprising smoothness, a direct result of foresight shown by the Personnel Department in building up a system of personnel records in anticipation of a day such as now is upon them. Numerous gratuitous compliments have been received regarding this operation from employers who have participated, and I am particularly pleased with the highly favorable comparison that has been made by them in many instances with corresponding activities of other groups. Employment prospects for our research associates are promising, and we are also not discouraged with the outlook for other classes of employees, although it is not yet possible to judge this part of the picture with certainty. It is felt that the placement program is one of the important final operations of the Radio Research Laboratory. Dr. Bush stated in his demobilization memorandum of last September, and reaffirmed in a memorandum of May 26 to NDRC, that NDRC "should weigh with great seriousness the obligation . . . . to provide personnel with opportunities to return to constructive effort in time of peace." We are facing these responsibilities squarely, and with confidence of success.

Sincerely yours,

F. E. Terman

FET:efh

There are three periods to be considered, first, between now and the collapse of Gorman, second, from then until the collapse of Japan, and third, from that time until OSRD formally terminates by law. The plan should be such that appropriate aid is given to the Services while the war lasts, but also such that the transition to peacetime efforts will be rationally conducted, and therefore such that important programs for the future will not become lost in the rush of termination.

After having given this matter much thought, and after having had the advice of the Advisory Council of the OSRD, and after having conferred with General Henry and Admiral Delany, I have come to the conclusion that a plan of transfer and termination should now be formulated and that this should be put into full effect for all categories of work immediately after the collapse of Germany. At that time I believe the OSRD should transfer to the Services such work as is involved in the current improvement of weapons, and such long-range work as the

August 8, 1944

Mr. Harvey H. Bundy
Room 3E-858, Pentagon Building
Washington 25, D. C.

Dear Mr. Bundy:

This letter outlines a plan for the completion of the work of OSRD, by termination and by transfer to the Services.

The problem is one of timing. OSRD is a war agency and goes out of existence at the end of the war. Moreover, while its formal organization is adapted to wartime purposes, it is not an appropriate form for peacetime scientific research and hence it should terminate with the war. The work which it is now carrying on supplements that of the Services in research and development on new weapons and on war medicine.

This may be divided into several categories. First, there is fundamental research work which, after the collapse of Germany, would be regarded as unlikely to bear fruit during this war. Part of this should be terminated; but some of it is of such importance that it should be carried on by the Services in times of peace. Second, there is a very large category of weapon development which consists in the improvement of current weapons and their initial experimental production. This is a type of development which the Services themselves should normally carry. OSRD has done an increasing amount of it, and has attained a speed in bringing new devices into use which is such that the Services themselves have urged an increasing amount of such effort. However, except for the enormous burden of other matters, there appears to be no fundamental reason why this category cannot be carried directly by the Services. Finally, there are exploratory programs of research and development initiated by OSRD, looking toward radically new future weapons. Recently there have been few of these started, primarily because the situation in scientific manpower has not allowed them to be undertaken, and most programs of this nature which were started early have now moved into other categories. Hence this last category is not now large.

There are three periods to be considered, first, between now and the collapse of German, second, from then until the collapse of Japan, and third, from that time until OSRD formally terminates by law. The plan should be such that appropriate aid is given to the Services while the war lasts, but also such that the transition to peacetime efforts will be rationally conducted, and therefore such that important programs for the future will not become lost in the rush of termination.

After having given this matter much thought, and after having had the advice of the Advisory Council of the OSRD, and after having conferred with General Henry and Admiral DeLany, I have come to the conclusion that a plan of transfer and termination should now be formulated and that this should be put into full effect for all categories of work immediately after the collapse of Germany. At that time I believe the OSRD should transfer to the Services such work as is involved in the current improvement of weapons, and such long-range work as the

Services themselves will probably be able to continue into the peace. The balance of the work should be terminated in an orderly fashion aimed at preserving values already attained.

I come to these conclusions for several reasons. Much of the supervisory personnel of OSRD is on a leave of absence basis and serving voluntarily, and many of these men will feel keenly their obligations to return to their own institutions after Germany collapses. It would be impossible to carry the present program on adequately if OSRD were rendered more short-handed than at the present time. The Services, on the other hand, will have their full present complement of uniformed personnel, and a much lesser continuing burden. I also feel strongly that the integration of this present effort into the Services soon after Germany collapses could be accomplished smoothly and effectively, with the preservation of values at many points, whereas if it were postponed it might be done less well. Moreover, there is a large part of the work now being done in this organization which is of such nature that the Services themselves ought to carry it on permanently, but of such a character that the organizational means for doing so effectively merit careful consideration. I think prompt transfer of work may well lead to such organizational changes within the Services for the handling of research and development programs as would be salutary for the future; for it is more readily possible to introduce changes of this nature in wartime than during peace.

The procedure of transfer seems to be simple. OSRD carries its work on under contract with many organizations. These contracts can be transferred to the Services bodily, if the contractors are willing and if the Services are agreeable to the form of contract which is used by OSRD. Should this prove not to be the case, OSRD contracts could be terminated on thirty days' notice. The Services and the contractors could then negotiate new contracts for continuance. Naturally, I should expect to transfer to the War Department, with the consent of the Bureau of the Budget, those funds which OSRD obtained from Congress for the support of the programs which would be transferred to the War Department. The liaison officers of the Army and Navy who are already following all of these projects closely will still be available for direct supervisory effort. They can be joined by civilian scientists in a continuing advisory capacity insofar as the Services and the scientists may consider this desirable.

There is a committee at the present time working on post-war organization for military research. It is confining its attention, I believe, to the form of permanent civilian organization which might in peacetime supplement the work of the Army and Navy in research on weapons or on medicine. If it completes its work and such an organization appears, the transfer to this organization of a part of the present program can be made, although it is certain that this will be a relatively small part of the total present program of the OSRD. On the other hand, if this peacetime organization is not then established, I feel that it will be inadvisable to wait for its creation, since this might conceivably be delayed for various reasons. In any case a double transfer is not an especially difficult matter.

There will be in many quarters, I feel sure, a fear that a program as outlined, rigorously carried out, will slow down the introduction of certain new weapons against Japan. I recognize that this is a possibility in certain cases; but I believe that by close coordination of the plans of the War Department and of the OSRD the instances in which the introduction of new weapons is slowed down can be kept to a minimum. Moreover, after careful thought on this aspect of the subject, I have come to the conclusion that this disadvantage will be outweighed by the general benefit of incorporating the present effort into the Services themselves when Germany collapses. I think that it is certainly preferable to accept some disadvantage rather than to run the risk of having the entire present program get into a chaotic state in the attempt to carry too much with too few personnel.

I should appreciate it if you would ascertain for me the general attitude of the Secretary of War toward this plan and any modifications which he considers necessary or desirable. I would also like to know whether the present forms of OSRD contracts are acceptable to the War Department. When a plan is carried into effect I feel that I should be enabled to deal with only one officer of the Army in connection with all matters concerning the items which should be transferred; the time of their transfer, and the part of the Army organization to which they should be transferred; and I shall need to know who will be designated for this purpose. The time of collapse of Germany is an indefinite date. Yet there is much to be done in the way of detailed planning, and I hence trust I may hear from you as promptly as is consistent with adequate consideration in the War Department.

Very truly yours,

/s/

V. Bush
Director

Copied RRL 9/15/44 em

NATIONAL DEFENSE RESEARCH COMMITTEE
1530 P Street, N. W.
Washington 25, D. C.

MEMORANDUM

November 17, 1944

TO: Chiefs of Divisions and Panels.

FROM: Chairman of NDRC.

On 17 November 1944, NDRC set forth the following demobilization procedures:

1. NDRC will continue at full speed until Germany's defeat.

2. After Germany's defeat, plans now to be developed for termination or transfer of projects should be put into effect promptly. If mutually agreeable, projects may be transferred at any time subject to approval of the Director.

3. NDRC will complete projects which Services and the Director consider useful against Japan, and which other agencies cannot effectively undertake.

4. NDRC will accept new projects assisting the present war, where OSRD can complete them quicker than otherwise.

5. To avoid delaying projects valuable against Japan, which are transferred to other agencies, NDRC will try to retain sufficient personnel to go with projects.

6. Senior scientists, administrators, and key personnel are expected to remain active while needed. Some less important workers may be released.

NDRC will recommend to the Director plans in accordance with the foregoing principles, so that such plans will be available at the appropriate time.

It is expected that a Research Board for National Security will be established under the National Academy of Sciences to provide an agency for scientific research for the Services during peace similar to OSRD during war. Long-term projects of interest to more than one Department may be transferred to the Board to which OSRD will extend aid.

The principles set forth above have been approved by the Director as in accord with basic principles enunciated by him on 13 September 1944.

If application of these principles modifies plans and budgets already presented, supplementary plans and budgets should be submitted. The simplest way to present such budgets is on a cost per month basis for essential activities until Germany collapses, with separate estimates of monthly funds necessary thereafter.

Copied 11/22/44 em RRL

May 8, 1945

OSRD POLICIES

During recent months there has appeared to be confusion in some quarters regarding the policy being followed by NDRC. It hence appears desirable to review again the policies under which we are now operating, even though most of you are already familiar with them, and even though these may change with V-E Day.

On November 17, 1944, the Chairman of NDRC, Dr. Conant, released a statement summarizing NDRC demobilization procedures. This ended a period of discussion regarding demobilization, and can be construed as a directive to NDRC divisions. The portions of this directive pertinent to the period we have been going through follow:

(1) "NDRC will continue at full speed until Germany's defeat."

This policy has been followed by Division 15 as is apparent from the Division budget. In particular, the closeness with which RRL-ABL has followed it is indicated from the fact that on April 21 there were 839 people on the payroll as compared with 844 on November 18.

(2) "NDRC will complete projects which Services and the Director consider useful against Japan, and which other agencies cannot effectively undertake."

This statement means that we are now expected to be working on things which are considered

useful in the war against Japan by the Services and by OSRD. Division 15 in general and RRL in particular have endeavored to follow this policy during the past six months, and a certain amount of work that was underway in November has been discontinued because it did not appear that it would have a significant role in the war against Japan. What deviation there has been from this policy has been in the direction of continuing some work which other agencies probably could have undertaken satisfactorily if forced to do so, but which the Services desired be left with NDRC.

(3) "NDRC will accept new projects assisting the present war, where OSRD can complete them quicker than otherwise."

It is around this point that perhaps the principal confusion exists. It will be noted that this statement states unambiguously that new projects to be accepted must meet two requirements: (1) they must assist the present war, and (2) OSRD must be able to complete them quicker than otherwise.

The effect which the impending end of the war in Europe will have on future OSRD activity cannot now be stated. The original demobilization memorandum released in September, 1944, provides

that projects which are of use only in the European War will be terminated immediately at the end of this part of the war, that projects which have intrinsic value for use against Japan and which can be completed within a reasonable length of time (not over five to six months at most after V-E Day) will be completed by the OSRD developing laboratory as rapidly as possible under existing arrangements, that projects which are classified as urgent but are of longer range would be transferred as rapidly as possible to a continuing agency such as a Service organization or the Research Board for National Security, and finally, after V-E Day OSRD will accept new projects only under special circumstances. In the absence of information to the contrary it can be assumed that these general principles still hold, and that after V-E Day they will be put into effect as rapidly as possible.

F. E. Terman
Director

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OFFICE OF SCIENTIFIC RESEARCH AND DEVELOPMENT
1530 P Street, N. W.
Washington 25, D. C.

Vannevar Bush
Director

May 26, 1945

MEMORANDUM

To: The National Defense Research Committee

From: V. Bush

1. This memorandum summarizes the policy which governs the present consideration of our program. I suggest that it may serve as a guide to those who are giving the matter consideration in your organization.

2. The general policy as announced last August remains sound. It involved proceeding at full speed until VE day, the vigorous prosecution thereafter of any projects useful against Japan, the transfer to the Services at appropriate times of long-range programs which they consider should continue into the peace, and the orderly termination with preservation of values of work which does not fall in those categories.

3. It was recognized at that time, and remains valid, that, in the post-VE day period, there are several obligations which this organization should weigh with great seriousness.

a. The obligation to the Services to render all necessary aid until the war is finally and completely won over all our enemies.

b. The obligation to the nation to serve reconversion and reeducation to the greatest extent possible, consistent with the first duty to the Services.

c. The obligation when the time comes to provide personnel with opportunities to return to constructive effort in time of peace.

4. It should be especially reemphasized that we are still at war, that the defeat of Japan must be brought about at the earliest possible date, that this must be accomplished with minimum casualties, that there must be no flinching or drawing back as the country bends its great effort to this task, and that the scientists and engineers must do their full part.

5. It is well recognized, however, that there is an inherent lag between research and development on the one hand and field use on the other, so that it is appropriate that one should terminate before the other.

It is also clear that this country must prepare vigorously for reconversion, in order that the end of the war may not bring on an internal catastrophe and widespread distress.

Scientists and engineers everywhere must balance these matters in their minds as they order their efforts for the overall good of the country. Within OSRD it is only reasonable that you should have my best judgment as to the course of events as a guide. I present it to you with the full realization that it may be found in error. We should now plan with the intention of altering our plans as the future becomes more clear.

6. I believe it is reasonable to assume that organized resistance of the Japanese will have substantially ceased by the summer of 1947.

With this as a tentative base, it is also reasonable that OSRD research and development on new weapons for this war should terminate by June 30, 1946.

Field service activities, in analysis of the use of new weapons, and in their effective introduction into combat, should continue until the end of hostilities against an organized enemy.

7. You recently adopted, and I have approved, the following resolution:

> That the Committee will accept new projects only where there is a clear probability that they will lead to results useful against Japan.

I have also requested that you proceed as follows:

(1) New projects will be undertaken only when (a) the subject work can be reasonably expected to be completed, as far as research and development is concerned, but not necessarily as to final reporting and accounting, before June 30; 1946, or (b) the Services have definitely indicated that they will take over, and the subject work can be placed in form for transfer prior to that date.

(2) In reviewing the program of the Divisions for the six months' period following August 31, 1945, NDRC will note carefully the relation of each project to the current war situation, and will provide me with an estimate of the date at which the results of the project may be expected to have an effect on the Japanese war.

(3) For the present no extensions beyond August 31, 1945, are to be made out of 1945 funds, except that in the case of large contracts, provision may be made for one month beyond that date.

In presenting the estimates prepared by NDRC for needed funds for 1946 to the Appropriations Committee of the House I made it clear that we were basing our plans on the policy and estimates noted above. I also made it clear that, if the progress of the war indicated that these plans should be revised, we would do so.

It is evident that, within the next few months, we will have a better basis for judgment, not only because of the additional evidence as to the probable course of the war, but also because we will undoubtedly have further guidance from the President as to relative emphasis to be placed on reconversion.

8. I ask, therefore, that you proceed to plan for the present on the basis indicated above.

I feel confident that every man in the organization will recognize that our primary duty lies in doing a complete job well, in aid of the effective prosecution of the war, and in the completion of every aspect of the task which this implies.

/s/ V. Bush

V. Bush,
Director.

Copied Liaison Division/alw June 14, 1945
Cc: Project Committee Members

November 21, 1945

Mr. W. H. Claflin, Jr.
Treasurer's Office
Harvard University
Cambridge 38, Mass.

Dear Mr. Claflin:

This letter will confirm for your files our conversation of a week ago regarding the procedure to be used by Messrs. Cullum, Byrne and myself in terminating our connection with the Radio Research Laboratory.

The time is rapidly approaching when our principal responsibilities will have been completed and our full-time service will no longer be needed in Cambridge. At the same time, it does not appear to be desirable that we attempt to transfer to others responsibility for carrying through to a final conclusion those matters for which we have been taking direct responsibility up to the present, and which are well towards a final conclusion.

Accordingly, it is planned that the three of us will cease to draw salary at appropriate times consistent with the time when the problems in Cambridge will no longer need our principal attention. Thereafter we will be available on call as required to discharge continuing responsibilities, and it is understood that when working for the Laboratory on this basis, we will operate on a per diem basis with traveling expenses paid for by the Laboratory.

The current activities of the Radio Research Laboratory are falling increasingly within the province of the Business Office, and it is anticipated that by next month the Business Office, under Mr. Breed, will be carrying nearly all of the operating functions of the Laboratory. As a result, it is not expected that the residual responsibilities carried by Messrs. Cullum, Byrne and myself will be extensive, and it is further anticipated that these will largely vanish by the first of February.

In order to provide a smooth operation and to reduce the extent to which it will be necessary for us to be called upon, arrangements have been made for Mr. Oliphant to continue on the Radio Research Laboratory's payroll until late in January to serve as an Administrative Assistant for the three of us. His responsibility will be in general to look after the matters which are still of concern to us, taking care of routine things that may come up from time to time, and acting as a filter which will pass on to us matters that still require our personal attention.

Mr. W. H. Claflin, Jr. - 2.

Insofar as my own plans are concerned, my residual responsibilities relate primarily to seeing that the necessary reports are completed. I will not leave until these are well along, and it would then appear that a brief return to the Laboratory sometime in the latter half of January to check on things will probably be all that will be necessary for me to do.

Sincerely yours,

F. E. Terman,
Director.

FET/s
cc: Messrs. Cullum, Byrne and Breed
cc: Personnel

realize that the Radio Research Laboratory will soon be
a memory. For my part, to have been associated with it
in even a minor way will always be an outstanding experi-
ence.

Helen and I were saying last night how much
we will miss the Termans. I have enjoyed working with
you, and even more have enjoyed your friendship.

Sincerely yours,

WHC:jr/3

4 copies
(Breed Fullerton
Boyne Terman)

PRESIDENT AND FELLOWS OF HARVARD COLLEGE

WM. H. CLAFLIN, JR., *Treasurer*

OFFICE OF THE TREASURER
24 MILK STREET, BOSTON 9, MASSACHUSETTS

November 26, 1945

Dr. Frederick E. Terman
Director, Radio Research Laboratory
Harvard University
Cambridge 38, Massachusetts

Dear Fred:

This will acknowledge your letter of November 21st and, as I told you a few days ago, the plan that you have developed and outlined in your letter seems to be a most satisfactory one.

At times it is very difficult for me to realize that the Radio Research Laboratory will soon be a memory. For my part, to have been connected with it in even a minor way will always be an outstanding experience.

Helen and I were saying last night how much we will miss the Termans. I have enjoyed working with you, and even more have enjoyed your friendship.

Sincerely yours,

WHCJr/J

FEF

RADIO RESEARCH LABORATORY

HARVARD UNIVERSITY

MEMO TO: Mr. W. H. Claflin, Jr.

FROM: F. E. Terman

DATE: September 6, 1945

SUBJECT: Demobilization of the Radio Research Laboratory

At your suggestion I am outlining herewith the demobilization activities now underway at the Radio Research Laboratory.

The present situation is closely tied to past history. Since last September when OSRD originally proposed its demobilization plan, RRL has followed a policy of scrutinizing very carefully new commitments, both those suggested by the Services and those originating in the Laboratory. In this way many proposed activities that were of dubious value to the present war, or which could be handled in other ways, were either never undertaken, or were deflected to other agencies. A result of the application of this policy was that no commitments were actually made after last fall that could not be discharged within about six months. In May, after V-E day, this policy was extended with your approval to provide for a planned contraction of the activity of the Radio Research Laboratory beginning September, 1945, together with increased concentration of the remaining effort on activities such as field work, transition, and liaison, that would be of immediate value to the war in the Pacific, and steadily decreasing emphasis on research and development. This policy was based on the fact that Japanese rader was so inferior that radar countermeasures developments already completed for use in the European War, including S-band jamming equipment, would easily be capable of meeting almost any conceivable need that might arise during the rest of the war. The chief problem in the Pacific was therefore the more effective and more complete use of equipment already available, or nearing availability, not the development of entirely new radar countermeasure devices.

This planning resulted in RRL having what might be called a highly "liquid" position on August 10 when the Japanese proposed capitulation. We had no commitments that were not scheduled for completion soon after November 1, and the organization was already prepared for a slow contraction that was to start soon. Full advantage has been taken of this favorable situation. By Friday, August 17, the first working day after the V-J holiday, a working committee of the RRL Project Committee had completed classification of all RRL projects, approximately 100 in number, recommending some for immediate cancellation, others for transfer to the Services, and suggesting that the rest be completed to the point of preserving existing values. This covered everything, with nothing left over to be handled by some yet to be established agency. Division 15 of NDRC had by August 17 also approved this classification both in principle and in detail, and in fact had adopted the same categories to classify the other projects in the Division. John Hogan of OSRD and Ward Davidson of NDRC had been acquainted with our activities and had given their informal concurrence. This tentative program for technical demobilization was presented to our group and division leaders on August 17, who were asked to report by August 20, the schedule according to which the manpower under their jurisdiction would no longer be needed if this program were put into effect. On the same day copies of the program were sent by courier to all of

the Army and Navy offices with which we do business in Washington, Dayton, etc., and on August 23 a meeting was held at RRL attended by 33 Service representatives plus Technical Aides from Division 15, and John Hogan of OSRD. At this meeting the plans proposed for the demobilization of the RRL technical program were discussed and complete agreement arrived at, with only several minor modifications being introduced. On August 25, the official OSRD policy reached RRL by telephone, and it was found that in so far as this policy affected RRL, it was identical with the program which we had already proposed, and which could accordingly now be formally put into effect.

According to this program field, model shop, and similar activities were stopped immediately with only a few exceptions where we were requested by the Services to complete work that was well along. Much of the research and development will be completed by October 1, and all active laboratory work on research and development will terminate November 1. It is expected that reports, invention disclosures, etc., can be completed by December 31, when our contract expires. The only work to be done after December 31, 1945, will be accounting, property disposal, etc. Adequate funds are available to carry the laboratory to completion, and take care of all termination expenses.

The demobilization of RRL is being carried out with the aid of a committee, called the Management Committee. This consists of the four members of RRL having Corporation appointments that imply management responsibility, namely, Terman, Cullum, Byrne, and Breed, together with Donald B. Harris, representing NDRC. Within the committee, responsibilities for carrying out different parts of the program have been assigned as follows:

Terman: Reports, invention disclosures, Personnel.

Cullum: Transfer of projects, models, etc. to the services, declassification of countermeasures information.

Byrne: Completion of research and development program, including associated shop and drafting.

Breed: Business functions, including accounting, and property matters, and return travel.

As of August 18, we had 777 employees on the payroll and one of the important tasks ahead is to demobilize the organization in an orderly way so that our work is satisfactorily completed, and at the same time there is a minimum disturbance in the lives of the individuals concerned. Resignations are being received at a rapid rate, and we have already begun giving layoff notices, the first group being effective the end of September for personnel who are expected to be surplus at that time. It is expected that the rate at which separations from the payroll occur will increase steadily during September, and will be at a high level from late September until early November. From then on the rate will taper off rapidly as most of the personnel will be gone by the latter part of November.

Every effort is being made to give at least 30 days notice of layoff, and it appears that this can be accomplished in nearly every instance by insisting that those having administrative responsibility plan at least one month ahead, and by taking advantage of the fact that although certain of

our activities are diminishing others are expanding rapidly. To handle the latter situation pools have been established, and people who are no longer needed on their old jobs are released to a pool, and then reassigned by their pool leader to take care of new needs that arise. To date it has been possible to keep the supply and demand of personnel in balance within the pools, and in fact the pool of women employees at the present moment has too few people to meet all needs.

Our Personnel Department was instructed August 10 to proceed on a placement program. The entire following week was reserved for Army and Navy laboratories; thereafter industrial concerns were allowed to interview our employees. This program has for some time been proceeding in high gear and with surprising smoothness, a direct result of foresight shown by the Personnel Department in building up a system of personnel records in anticipation of a day such as now is upon them. Numerous gratuitous compliments have been received regarding this operation from employers who have participated, and I am particularly pleased with the highly favorable comparison that has been made by them in many instances with corresponding activities of other groups. Employment prospects for our research associates are promising, and we are also not discouraged with the outlook for other classes of employees, although it is not yet possible to judge this part of the picture with certainty. It is felt that the placement program is one of the important final operations of the Radio Research Laboratory. Dr. Bush stated in his demobilization memorandum of last September, and reaffirmed in a memorandum of May 26 to NDRC, that NDRC "should weigh with great seriousness the obligation . . . . to provide personnel with opportunities to return to constructive effort in time of peace." We are facing these responsibilities squarely, and with confidence of success.

Fred Terman

F. E. Terman

FET:eft

RADIO RESEARCH LABORATORY

Harvard University

December 6, 1945

TO: ALL PERSONNEL

FROM: F. E. TERMAN

The demobilization of the Radio Research Laboratory has reached a point where the largest part of the activities now going on are the direct responsibility of the Business Office. This is becoming increasingly so each day. It has, therefore, now become possible for me, as well as for Mr. Cullum and Mr. Byrne, to discharge our remaining responsibilities to the Laboratory without having to be in continuous residence in Cambridge. Mr. Cullum and Mr. Byrne are now in the Laboratory only at intervals, and I am planning to leave on December 8th, for California and will not be back until the latter part of January unless an unexpected emergency should arise.

During periods when neither Mr. Byrne, Mr. Cullum nor I will be here, the Director's Office will act as a clearing house for all matters that would normally go either to the Director or the Associate Directors. Correspondence or carbon copies that would ordinarily be sent to these offices, in our presence, should continue so to be directed, and will be forwarded or held for our return, as circumstances indicate. The responsibility for handling these matters, or for bringing them to the attention of the appropriate individual by letter or telephone, rests with Mr. Oliphant, who will function as a resident administrative assistant for all three of us. In matters which pertain particularly to my office, or which require my personal attention, Miss Mudge will serve as the point of contact for me. She should receive carbon copies of all letters sent out to me from the Laboratory, and should in general be kept acquainted with problems which are of concern to me. Mr. Oliphant will, in addition to the general duties indicated above, serve in this same capacity for Mr. Cullum's office, and to a slightly less extent for Mr. Byrne's office. He should receive carbon copies of all communications sent out to Mr. Cullum or Mr. Byrne. To a limited extent, Mr. Byrne's office will continue to function under Dr. Pettit, who will be resident at the Laboratory a substantial part of the time, and for a while Miss Palm will be there to take telephone messages, etc.

In circumstances where it is necessary for the Laboratory to be represented officially in the absence of the Director and Associate Directors, Mr. Breed will, in accordance with military custom, be the equivalent of Senior Executive Officer.

RADIO RESEARCH LABORATORY

Harvard University

TO: All Personnel

FROM: Management Committee

December 6, 1945

Attached is an outline of the non-business organization of the Laboratory as it will be set up beginning December 8. Any individual or any group not listed on the attached outline is directly responsible to Mr. Breed. In general, it is felt that the assignments for the research associates are sufficiently clear so that no question as to their duties will exist. In cases of doubt, however, Mr. Oliphant and Miss Mudge have been given sufficient information so that they should be able to answer such questions.

It is to be noted that the non-business functions which remain to be carried out are the reporting of the Laboratory's technical and administrative activities, residual liaison and transition activities, and the administrative operations associated with the Director's Office.

According to present plans, all writing and initial editing is to be completed by December 31. All RA's are to have their Inventions Disclosure obligations completed by December 31. The only work done after December 31, on reports and monographs, will be preparing manuscripts for publication, proofreading, and publishing of material already completed. Final copy for the monograph is, with only special exceptions, to be in the Editorial Office by December 15 to permit technical editing to be completed before Dr. Reich leaves on December 31. Except in the case of Research Associates having responsibilities after Dec. 31, the files of all Research Associates should be turned over to Project Archives by Dec. 31. It is expected that with only a few exceptions, all Research Associates will be leaving on or about December 31. Termination sheets which are ordinarily signed by Dr. Terman, will be signed by Mr. Oliphant (or, in his absence, by Miss Mudge) according to instructions left by Dr. Terman.

The declassification of technical material, journal articles, and popular information, and matters relating thereto, are the responsibility of Mr. Oliphant.

Mr. Oliphant will also have certain responsibilities in connection with Project Reports and abstracts; in particular, he will keep informed as to what reports are still to be done and will follow through in seeing that they are done or will participate in any decision that they should be cancelled. It will be his responsibility to see that abstracts of RRL reports needed to complete the Document Digest are delivered to Dr. Reich and Dr. McDowell for them to handle with Mr. Halloran. After December 31, no material will be accepted for the Document Digest.

Because of the rapidly changing work and the variable load, it will be necessary during this period to consolidate the staff of technical secretaries. During this period, all non-business secretaries will be responsible for their assignments to Miss Mudge, in her capacity as a member of the Personnel Department in charge of the pool of women employees. In general, it will be necessary either immediately or in the very near future to discontinue the assignments of secretaries to groups or to individuals.

Non-Business Organization as of December 8, 1945

I. Technical Writing, Departments Primarily Concerned With

A. Editorial Director: H. J. Reich — Collection, Editing of: Monograph, Journal Articles, Summary Technical Report, Document Digest, RRL Reports.

Reich
McDowell
Eva Reynolds
Jean Pfaff

1. Summary Technical Report — Writing

Holt
Sutro
Shirley Clark
Frances Hart
Ann Cobb

2. Journal Articles — Collection, Editing, Transmittal to OSRD and Publisher.

Hamermesh

3. Document Digest — Editing, Proofreading.

Halloran (Consultant)

B. Technical Writers for Monograph, Journal Articles, RRL Reports

1. Receivers

Pettit (Part-time)
Doris Palm
Huggins
Cohn
Virginia Leonard*
Buss

2. Transmitters

Hok
Welch, H. W.*

3. Antennas

Alford (Part-time)
Barkofsky*
Margaret Melbye
Nelson*
Lazarus*

4. Theory

Middleton

*Leaving on or about December 15.

5. Specific RRL Reports

Brill
Cushman*
(Doris Palm)
Artman*
Gager*
(Buss)
Grace Horner* - K-2000

II. Historical and Popular Writing:

A. Historical Department

Villard
Secretary

Miss Bacorn*
Irene Popa
Lydia Phippen
Christine Caldwell

Collection, Writing, Editing of:
Director's Report, Miscellaneous
Popular Articles.

III. Director's Office

Mudge
Muriel Smith
Oliphant
Secretary

(a) Clearance of technical and popular information:
Monograph
Journal Articles
IRE Convention Papers
RRL Reports Declassification

(b) Admin. Assist. to Publication Program: Monograph
Journal Articles
Director's Report
Summary Technical Report
Operational Use of RCM
Document Digest
ABL Reports (2)

(c) Transmittal of Journal Articles to Publisher.

(d) Monitor progress of publishing arrangements.

(e) Admin. assistance to Editorial Director.

(f) Obtain permission for RRL to use material.

(g) Write weekly report to FET, JFB, and AEC

(h) Sign P-2 (Termination) forms for FET.

*Leaving on or about December 15.

IV. Liaison and Transition

Hammett (Transfer of Equipment)

Jasberg* (TMR's)
Irene Cola
Marie Wright

TO BUSINESS DEPARTMENT:

V. Invention Disclosures

VI. Archives

VII. Document Room

VIII. Publishing (Business Department will be responsible for administration; Dr. Reich will control priorities, etc.)

IX. Personnel

* * * * * * *

X. Army

Claudia Smillie
Margaret Brown
Rosalind Kaspar*

XI. Navy

Joselyn Lyon
Louise Holmes
Marie Ottaviani

* * * * * * *

Secretaries Available for Monograph and Other Technical Typing

Miss Womack
Mrs. Zinkow (Part-time)
Miss Sturtevant
Mrs. Rohleder
Mrs. Stavis
Mrs. Gleickman (Part-time)
Mrs. Anderson
Mrs. Donnovan
Mrs. Reed
Miss Spuria
Mrs. Nonnemaker*

*Leaving on or about December 15.

extra copy for FET

MINUTES OF MEETING NO. 17
of the
MANAGEMENT COMMITTEE
Dec. 6, 1945

I. DISCUSSION AND REPORTS

1. Personnel

a. Termination Office Reports

The Committee gave tacit approval to the reports and recommendations of the Terminations Office

b. Mailing List

Sutherland reported that a preliminary mailing list had been assembled for an RRL Directory and the distribution of Publicity Release material.

In practice, Publicity Release material will be mailed according to the preliminary mailing list enclosing a post card to be returned with recipient's permanent address. From the returning post cards a final directory will be prepared.

The directory will take as its basis the June, 1945 telephone director, plus ABL, plus consultants, plus Florosa personnel, plus field mission personnel, etc.

c. December 15 Personnel Survey

The Committee instructed the Personnel Department to survey the Laboratory about December 15, 1945, with a view of determining whether non-business activities are proceeding according to schedule which will insure the finishing of substantially all R. A. committments by December 31.

It was specifically noted that Mr. Alford may be a problem in this connection. He has already been instructed that the editing of his written material should be complete by December 15. If this is not the case, Reich will proceed to edit this material in Alford's place.

d. Personnel Transfer to Business Department

The Committee specifically concurred in the transfer of the Personnel Department to the Business Department with specific instructions that past policies be followed, i. e., 30-day notice, placement program emphasis, etc.

2. General

Terman pointed out that this was probably the last full meeting of the

Management Committee and that its general purpose was to consider the future ways in which all remaining non-business activities were to be handled, and assure that the proper instructions were prepared and disseminated.

Drafts of two memos were presented to the Committee for their consideration:

All Personnel from F. E. Terman, Dec. 6, 1945
All Personnel from Management Committee, Dec. 6, 1945

The Committee approved these memos, asking that the secretary duplicate and distribute them.

The following points were specifically noted during the discussion of the two memoranda:

a. Secretarial Pool

The pool of secretaries available for monograph and other technical typing appears to contain an inadequate number of people. Effort will be made to hire more. It is possible that temporary loans can be obtained from Division 15 and ATSC Offices.

b. Division 15 Technical Aide Plans

Harris pointed out that he expects to depart from the Laboratory before December 15. Albrecht will remain in residence as long as RRL business activities continue, perhaps until late February or March.

c. Invention Disclosures Group Transferred to Business

The Committee specifically concurred in the transfer of the Invention Disclosures Group to the Business Department. Breed and Barrett were instructed to work out the form of a final report for the Invention Disclosures Group.

d. Final Disposition of TMR Files

The Committee agreed that one complete set of TMR's should be retained in the RRL Archive files and one complete set held for transmittal to the OSRD successor organization. All manufactured drawings will be held for transmittal to the OSRD successor organization.

An additional incomplete file of TMR's is available and will be used to satisfy a request expected from the Navy, Office of Research and Inventions. Ultimately it is expected that O. R. I. will transmit this material to the Navy Laboratory at Willow Grove, Pennsylvania.

Fourth and fifth copies of a TMR will not be destroyed.

e. Consultants to Assist Publication Program

The Committee specifically authorized Reich to call in research associates on a consulting basis to assist the publication program. Reich and Breed were instructed to work out the exact procedures.

It was noted that the work to be done in this category would be a continuation of former activity and consultant pay would be gauged accordingly. Small jobs to be performed at the consultant's residence need not be reimbursed. Large jobs (i. e., week or more) will require payment and contact with the consultant's present employer.

f. Completion of Invention Disclosures

The Committee agreed that all R. A.'s were to have completed their invention disclosure obligations by December 31.

If it appears likely that an individual will fail to complete his obligations, the Management Committee authorizes the Business Department to take whatever steps are necessary to carry out the above instructions.

g. Miscellaneous

If necessary an additional meeting of the Committee might be called about January 18, 1946.

Charles W. Oliphant

symbol above or preceding the address.

7911

UNION

JOSEPH L. EGAN
PRESIDENT

(5)

NLT=Cable Night Letter
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Stanford University Archives
SC 160 SERIES I
Box 2 Folder: 4

DIVISION 15 Problems

Memo to: Dr. F. E. Terman

From: N. P. Breed

February 9, 1943

During the course of the visit yesterday by Mr. Norcross and Mr. Faris of the OSRD, a general discussion arose on the attitude of the laboratory toward direct requests from the Army and Navy. Mr. Norcross was quite emphatic in his attitude that the laboratory existed on OSRD funds, under an OSRD contract, and secured all its materials on OSRD research priority ratings. He stated that, in his opinion, this forced us to take directives only from properly accredited OSRD officials and that in accepting directives from Service officials we were committing a more or less serious breach of contract.

He cited Radiation Laboratory as a contract which had gotten completely out of hand, to the distress of those concerned in the OSRD, and to the distinct embarrassment of Dr. John G. Trump, who is OSRD's authorized official in the laboratory. Through force of circumstances and internal pressure, Dr. Trump has been forced into a position of approving in OSRD's name transactions which are not approved by OSRD, Washington. In effect, they stated that Radiation Laboratory has become virtually a Service organization, performing transactions almost daily for which they are open to legitimate criticism. For example, Radiation has been in the habit of sub-contracting with manufacturers for development and manufacture of equipments, which are merely turned over to the Services on receipt and are thus in the position of using OSRD money and priorities for equipment which has no relationship whatever to research. This practice has now been specifically forbidden and such contracts, if approved, must be made directly by OSRD.

Mr. Norcross went on to say that both Admiral Furer and General Williams were greatly upset by certain of these practices, as they are charged with the function and responsibility of coordinating OSRD programs with Service programs. They realize that only a small fraction of the work is coming to their attention and that projects they have approved and coordinated are being delayed while the laboratories divert their efforts to projects which have originated informally, and of which they have no official notice.

Of course the reasons for this short-cutting of official channels are well known to everyone concerned and this in turn causes embarrassment as everyone is proceeding with the best possible intentions, firm in the convictions that they are aiding the war effort. No one wants to adopt a drastic attitude, perhaps for fear of interrupting some really vital program and thus putting himself in the position of having hindered rather than helped the over-all effort.

It appeared to them, and it appears to me, that this laboratory has reached the parting of the ways and that a prompt decision is necessary on the question of how the program of the laboratory is to be determined. If the matter is allowed to run its normal course we will rapidly become deluged with Service requests from a large variety of individuals and the pressure back of these requests will be such that the research program of the laboratory will inevitably suffer. Furthermore, each request accepted will render it increasingly difficult

to refuse a subsequent request as these are usually closely related and as the Services will come to depend upon the laboratory for follow-up effort.

If the direct OSRD channels are reopened and all Service requests referred to the coordinators, there will undoubtedly be an initial period of disappointment and perhaps wrath on the part of the Services but there will be a corresponding guarantee that the laboratory will not work itself into an untenable position such as has occurred at Radiation Laboratory.

The question is a very distressing one also to Mr. Faris as he is arguing for high priority ratings for research with the knowledge that these high priority ratings are being used to fulfill Service orders which, if handled through the normal channels, would not receive these high ratings. Further, now that the Services have opened efficient and speedy procurement channels through the laboratories, they are tending to perpetuate this control by granting high ratings and precedence ratings for this type of work and giving low ratings for the research work which is the primary purpose of the laboratories.

Both men are concerned about the OSRDcontracts with Galvin and Delco as OSRD (that is, research) money and priorities are being used for the sole purpose of expediting Army and Navy production. Both recognize that the system works well but the reason is that the contracts are essentially illegal and take advantage of the freedom of action that was obtained for research only after great effort on the part of the OSRD. Should these various devices backfire, repercussions would be seriously detrimental to the entire OSRD position and research program.

It is my suggestion that a small committee be set up to consider the above problems in all their aspects, and that one or more men be delegated from this committee to discuss the problems with Dr. Bush, Dr. Stewart, Admiral Furer, and General Williams. In my opinion, the final decision reached by this committee should be based largely upon the recommendations received from these individuals; for if we are to proceed under OSRD sponsorship, our policy should be determined in accordance with OSRD policy and not built up from day to day in response to outside pressure. If it should be determined that the laboratory can best aid the war effort by a closer coordination with the Services than is possible through OSRD, then steps should be taken to secure direct Service contracts and to divorce this phase of the program from the phase, if any, which will be continued under OSRD sponsorship.

NPB lt

Cc: Dr. Hickman
Mr. Chinn
Dr. Terman

OFFICE FOR EMERGENCY MANAGEMENT

NATIONAL DEFENSE RESEARCH COMMITTEE

OF THE

OFFICE OF SCIENTIFIC RESEARCH AND DEVELOPMENT

1530 P STREET NW.

WASHINGTON, D. C.

JAMES B. CONANT, Chairman
RICHARD C. TOLMAN, Vice Chairman
ROGER ADAMS
CONWAY P. COE
KARL T. COMPTON
FRANK B. JEWETT
CAPT. LYBRAND P. SMITH
MAJ. GEN. CLARENCE C. WILLIAMS

IRVIN STEWART, Executive Secretary

February 27, 1943

Dr. C. G. Suits,
General Electric Company,
Schenectady, New York.

Dear Dr. Suits:

I have discussed with Dr. F. E. Terman the unfortunate situation affecting members of Division 14 and the Radiation Laboratory resulting from the writing and subsequent distribution of Mr. N. P. Breed's memorandum to him dated February 9.

It is obvious to members of OSRD in Washington, to the Director and other members of the Radiation Laboratory, and to the Division 14 office that the statements mentioned in the second and third paragraphs with regard to the Radiation Laboratory, and particularly with regard to my own position, are completely untrue. I have checked with Messrs. Norcross and Faris, who deny having made any such direct or implied statements.

Because Mr. Breed's memorandum of February 9 was circulated among members of Division 15 and stands as a record of an unfavorable situation existing within another Division and because no such situation as stated or implied actually does exist, it seems to me desirable and necessary that the copies of this memorandum be withdrawn and destroyed. I have discussed the matter with Dr. Terman, who agrees on the desirability of this action and who is making separately his recommendation that such steps be taken.

I would appreciate it if you would inform me as to what action you have taken in this matter.

Sincerely yours,

JGT/G

cc - A. L. Loomis, Div. 14
L. A. DuBridge, RL
F. E. Terman, RRL

JOHN G. TRUMP,
Technical Aide,
Division 14, NDRC.

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February 27, 1943

Dr. C. G. Suits
General Electric Company
Schenectady, New York

Dear Dr. Suits:

Nearly three weeks ago when you were in Cambridge we discussed a memorandum I had received from our business manager Mr. N. P. Breed giving his interpretation of conversations he had had a few days before with Norcross and Paris. This seemed to be of considerable importance to Division 15 and RRL, for if the views there outlined represented official NDRC policy it would be necessary to revise drastically trends taking place at RRL and which I had felt were not only perfectly proper from the point of view of NDRC, but were desirable in getting on with the war. I accordingly left a copy of the memorandum with you and suggested that you study the matter and at the forthcoming Division 15 budget hearing determine what the policy of NDRC really was in connection with equipment going to the services for service field tests, limited production such as contemplated in the Galvin and Delco contracts, etc. At the NDRC meeting on February 12, we discussed the subject in a general way with Dean Moreland, who made it quite clear that the type of actions complained about in the memorandum were not only not disapproved of by NDRC, but that they were very often a proper and necessary NDRC activity. This was very much of a relief to me at least, as it removed all doubts as to the legality of the Galvin and Delco contracts, which were performing a vital function in the RRL program, and it also gave the stamp of approval to other things that had gone on at RRL, and more of which I contemplated in the future.

All of the above is background leading up to the main point of this letter. About a week after the NDRC meeting an item was placed on the agenda for the February 24 Division 15 meeting based on Mr. Breed's memorandum, and copies of the memorandum itself were circulated with the agenda. At the meeting the item was disposed of by a sentence or two referring to the discussion with Moreland, and indicating that everything was all right after all. The circulation of the Breed memorandum has, however, seriously disturbed Division 14. There are statements in it that the Radiation Laboratory is pursuing policies (which incidentally RRL has also been following in a smaller way) that are directly contrary to OSRD policy and that may be illegal, etc., and much dissatisfaction with Radiation Laboratory activities on the part of OSRD is implied. Since you were aware for at least a week before the memorandum was sent out that the allegations in the memorandum did not represent the actual situation, I imagine the circulation of the memorandum was an unfortunate oversight. Under these circumstances, I suggest that it would be desirable to recall the copies of the memorandum that were sent out to members of Division 15, preferably by getting the copies back in your own hands. This sort of material, which implies something that is not true, can do Division 14 much undeserved harm, and at best certainly does it no good.

Very truly yours,

F. E. Terman
Director

FET:em
Cc to Dr. L. A. DuBridge
Dr. A. L. Loomis
Dr. J. G. Trump

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February 27, 1943

Dr. J. G. Trump
Radiation Laboratory
Massachusetts Institute of Technology

Dear Dr. Trump:

Enclosed is a letter to Dr. Suits with copies for Dr. DuBridge, Dr. Alfred Loomis and yourself.

Dr. Terman assumes that, if these meet with your approval, you will mail them directly from your office. If you have comments on the letter so that it is returned to us, will you advise us as to whether you prefer to have us send it out from this office or whether you wish to have it returned to you to be mailed with the letter which you are writing?

Very truly yours,

Secretary to Dr. Terman

OFFICE FOR EMERGENCY MANAGEMENT

OFFICE OF SCIENTIFIC RESEARCH AND DEVELOPMENT

1530 P STREET NW.

WASHINGTON, D. C.

VANNEVAR BUSH
Director

PLEASE ADDRESS REPLY TO
RESEARCH LABORATORY
GENERAL ELECTRIC COMPANY
SCHENECTADY, NEW YORK

March 1, 1943

RESTRICTED

Dr. John G. Trump
Radiation Laboratory
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear John:

This replies to your letter of February 29 concerning Mr. Breed's memorandum. I am sorry that you have been put to any embarrassment as a result of this matter. I don't believe the memo has been given very general circulation.

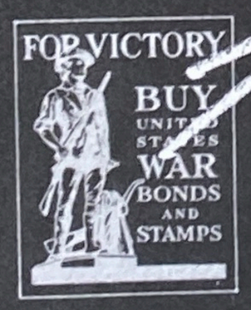
It was my understanding that it was only a memo for Dr. Terman, and I received a copy quite accidentally and not through regular distribution channels. I did not take the matter at all seriously and did not propose to do anything about the suggestions which were made.

At your request I have removed my copies from the file and have destroyed them. Please let me know if there is anything additional you think should be done in this connection.

Yours very truly,

Chief
Division 15, NDRC

CG Suits 1b
cc: Dr. A. L. Loomis
Dr. L. A. DuBridge
Dr. F. E. Terman



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of the Services are virtually submitted, MIT could very quickly cease entirely to be a development organization, and become another model shop.

The matter has been discussed with our own Project Committee and the stand I took has their unanimous support. Dr. Bush said they were somewhat excited about the idea of someone attempting to dump additional work into our already overloaded shop. It was also discussed with Mr. Bowden of the OSRD Transition Office, who felt that the stand was wise, and that there would be some question of legality if we went into the manufacturing business without OSRD getting a special transfer of funds from the Services to cover the cost.

Sincerely yours,

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July 19, 1943

Mr. William H. Claflin,
24 Milk Street
Boston, Massachusetts

Dear Mr. Claflin:

I bring the following incident to your attention because it concerns a policy matter in connection with the operation of the Radio Research Laboratory that concerns Harvard.

On Thursday, July 8, I received a telephone request from Dr. Suits asking if RRL would undertake the construction for the Navy of four of a particular type of countermeasures equipment that had been developed at the Bureau of Standards under a contract between the Bureau of Standards and the Navy. The story was that this was needed within sixty days and Suits had apparently been asked by Captain Detzer of the Navy if this could be made at RRL. Suits rather tended to put pressure on me, since he said he wanted to do Detzer a favor, Detzer having been cooperative in the past with Division 15.

My answer was that we did not feel that we should undertake such a job at RRL, since it was not our job to be a manufacturer of other peoples' products. Out shop facilities are inadequate to carry all of our own work, and functioning as a small lot manufacturer displaces just that much development and research work that we're supposed to be doing. I made three alternative suggestions: (1) that since the Bureau of Standards has shops and developed the device, that they build the desired units; (2) that the Navy had facilities at NRL, and if this job was so all-fired important to the Navy it could displace other Navy work of less priority at NRL; and finally (3) that the Research Construction Committee (model shop) set up by Division 14 of NDRC, and available to Division 15, was an organization intended to do just this sort of thing and that Suits should take the matter up with the manager of RCC. I have since learned that this final suggestion was followed, and that RCC has undertaken the work.

Requests of this type have previously been received at RRL though in a less embarrassing form, and are likely to reoccur with increasing frequency. It accordingly may be necessary to call on your backing to support our position if you feel that this position is warranted. Inasmuch as the production needs

of the Services are virtually unlimited, RRL could very quickly cease entirely to be a development organization, and become another model shop.

The matter has been discussed with our own Project Committee and the stand I took has their unanimous backing. I might add they were somewhat excited about the idea of someone attempting to dump additional work into our already overloaded shop. It was also discussed with Mr. Woodrow of the OSRD Transition Office, who felt that this stand was wise, and that there would be some question of legality if we went into the manufacturing business without OSRD getting a special transfer of funds from the Services to cover the cost.

Sincerely yours,

F. E. Terman
Director

FET:mhr

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COPY

John V. L. Hogan
730 Fifth Avenue
New York City

January 8, 1944

To: Dr. Vannevar Bush
From: John V. L. Hogan

Re: Countermeasures

Notice:-This document contains information affecting the national defense of the United States within the meaning of the Espionage Act (U.S.C. 50:31, 32). The transmission of this document or the revelation of its contents in any manner to any unauthorized person is prohibited by law.

The study which you have asked me to make has now progressed sufficiently to permit three specific recommendations which I believe will be helpful in shaping our work to care for the rapidly growing scope and urgency of the countermeasures field. These recommendations are based upon the studies and discussions that I have recently carried on under your instructions, in the wide area embracing the NDRC, the Division, certain of its present and proposed research contractors, the armed Services, our liaison and transition groups and certain manufacturers who are involved.

Tentative proposals were set forth by me in a draft memorandum dated December 23, 1943, but Mr. Claflin's illness prevented our analysis of them until January 7, 1944, the first day after his return to his office. I am now able to revise those proposals in the light of conferences with Mr. Claflin, Dr. Terman and Dr. Suits.

The primary urgency arises from the fact that the Services are relying upon us much more heavily for assistance in the communications CM and guided missile CM fields than when the radar CM work was planned and developed. Much of what RRL and the Division have done in radar CM is valuable in these non-radar fields, and full advantage of such radar work should be taken in the other applications. It is imperative, in my opinion, that nothing be done that would retard the present important development and production of countermeasures. Our actions must accelerate the existing program, while at the same time making provision for the expansion of Division 15's operations which the Services require.

It has become increasingly evident that Harvard, RRL and Dr. Terman personally have all been carrying a tremendous burden. The task of building up so large and successful a countermeasures operation in so short a time, and in the face of the difficulties inherent in the security and procurement procedures first set up by the Services, imposed an extremely heavy load of administrative duties on Dr. Terman. I feel that his accomplishments have been far greater than could reasonably have been expected, and I know no one else who could so well have combined administrative and scientific skill in the way that was necessary for the creation of our CM facilities. At the moment the entire CM program is increasing rapidly in size and urgency, and Division 15 is being called upon to put additional emphasis on the communications and GM aspects of CM. I had first thought that we would be obliged to consider ways of reducing the administrative responsibilities of RRL, to the end that Dr. Terman might divide the load and thus find it possible to devote still more of his time and energy to the scientific aspects of CM planning in which he is preeminent, but both Mr. Claflin and Dr. Terman now assure me that recent changes in the picture have largely removed

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the necessity for Dr. Terman to give personal attention to so many distracting details of RRL's operation.

The three proposals that I now offer for consideration, and which I believe will aid in the present situation are:

1: Florosa Field Station.

The Air Force is expanding the scope of the First Proving Ground Electronics Unit at Florosa, and both the Air Force and Division 15 indicate that they need to have the NDRC Florosa laboratory available for much work other than that arising from RRL. It seems anomalous and cumbersome to burden RRL with the handling of all details of such field work for other contractors and Divisions, and an organizationally better plan suggests that the Florosa Field Station be placed under a Division 15 contract of its own.

On the other hand, Mr. Claflin emphasizes the facts that Harvard has now set up the facilities to service our Florosa laboratory and that the problems of transferring it to another contractor might prove to be troublesome. I concurred in this, and asked whether Harvard would be willing to continue the servicing of Florosa as a unit substantially independent of RRL and available to all other Division 15 contractors without restriction as to report routine, etc. Having received assurance from both Mr. Claflin and Dr. Terman that the only limitation would be assignment of priorities and available facilities directly by Dr. Pollock, I am now able to recommend no change as to Florosa other than the establishment of an agreed routine. Of course the functions of our laboratory in relation to the two other (Air Force) laboratories at Florosa must be defined by agreement between the Army and the Division, but Dr. Suits has this in progress. Florosa should thus become available to carry on field work for any Division 15 contractor, and the scheduling of such work (together with its supervision and the handling of reports) should be expedited and simplified. The system must be so set up that Florosa work for RRL will not be handicapped in any way, but so that it will be possible to handle Florosa jobs for the increasing number of Division 15 contractors and probable similar jobs for Divisions 13 and 14 and some of their contractors.

It should be recognized that Florosa was overstaffed in respect to the assignments given to it until recently. Dr. Terman and Mr. Claflin feel that neither RRL or any other contractor will use Florosa if the required field tests can be made elsewhere. Dr. Suits believes that current Florosa assignments justify the present organization, considerable new work having come in within the past few weeks. I recommend that the existing set-up be continued, but that under item 3 below there be considered the possibility that the Florosa laboratory be closed or transferred to a better location.

2: ABL-15

Although the type of field work carried on by ABL-15 differs from that of Florosa, the necessity for expansion of scope and other analogous requirements of the American and British Air Forces and of the Divisions suggest that ABL-15 be placed under a Division 15 contract of its own. However, the facts that it is set up as a useful going concern successfully serviced by Harvard, that a change of servicing contractor would inevitably introduce some confusion, and that both Mr. Claflin and Dr. Terman assure me that Harvard and RRL intend to impose no restrictions that would reduce the value of ABL-15 to contractors other than RRL,

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must be considered. It is essential that the functions of ABL-15 in relation to BBRL and others be defined by agreement between RRL, Divisions 14 and 15, and the London Mission. RRL and Harvard insist that they can handle the expanding British field work of Division 15 and its other contractors, and that despite this the organization can be so set up that ABL-15 work for RRL will not be handicapped.

Recognizing the importance of introducing no factors that would tend to interfere with the work of ABL-15, especially for the next five months, and taking account of Harvard's willingness to make the facilities of ABL-15 available to contractors other than RRL, I now recommend no change in the present contracts.

3: Division - Contractor Relations.

Mr. Claflin and I feel that there should now be set up a clear division of authority and responsibility between Division 15, on the one hand, and its contractors and their laboratories, on the other. We believe that this can probably best be worked out in the case of Harvard and RRL by conferences among Mr. Claflin, Dr. Suits, Dr. Terman and myself, and that any agreement so reached may form a suitable pattern for other contractors. The aim should be to reduce any existing overlapping or duplication of function by providing for full consultation or joint action with complete exchange of information in such matters as may be borderline between the Division and the Laboratory, and I think that such clarification would tend to improve the effectiveness of our RCM work. I recommend such conferences as to three items: (1) Florosa, (2) ABL-15, (3) RRL.

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The foregoing covers the only steps that I can now see clearly enough to recommend as in the interest of all of the many groups concerned. There will remain for later consideration:

A. The desirability of operating Florosa, ABL-15 and BBRL under the Office of Field Services (either directly or by contract). Analysis of this possibility should await Dr. Compton's return, but it seems to me that progress of the war does not allow time for any such possible improvement of organization.

B. Coordination of plans for crash and normal procurement of CM equipment. This is under active study for and by Dr. Bowles, and is being worked out piece-meal by agreement among the Services, the Division and the Contractors. No single plan would appear to provide the flexibility that is essential in countermeasures procurement, and each project or group of similar projects may require special handling to a degree that has not heretofore been provided by the Services.

C. Study of the basic relations between providing improved "measures", providing countermeasures, then providing counter-countermeasures, etc., in order to reach a decision as to the advisability of modifying the present working set-up of Division 15 and the AJ Committee.

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D. Review of the individual projects under way in the CM field, in order to confirm or modify existing relative precedence and emphasis, and to provide better coordination between ARL, NRL and Division 15. This branch of the study is progressing, but it may be advisable to go into the matter more intensively.

E. Mr. Claflin seems to feel that he, Dr. Terman and I might well cooperate in a review of the internal organization of RRL. This might result in modifications that would permit Dr. Terman to relieve himself further of some of the necessarily burdensome administrative duties that interfered with his scientific planning and direction of CM work. My experience may turn out to be helpful to Mr. Claflin and Dr. Terman, and we may together arrive at an organization plan that will permit faster and better work on countermeasures. When they desire, I shall be glad to meet with them to that end.

I shall be glad to have your comments. I hope that we can arrive at a working plan that will give us a practicable way to make our CM program still more useful to the Services.

/s/ John V. L. Hogan

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5/24/44

Telephone conversation between R. W. Larson and Dr. Terman, May 23, 1944

T: We get two kinds of cablegrams by the way from people overseas like Cullum over there, one of them asks for equipment and the other asks for men.

L: Yeah, I know.

T: And[regarding] these men going over there for ABL, do you want each one of those cleared individually and reviewed with you people or -

L: Well, here's the way I feel about that. It's your job to man ABL-15 within certain limits - but when we think of manning it - I mean men that are going over for the duration or something like that.

T: Yeah.

L: The thing that ought to be cleared are special expeditions like Salisbury's or this PETTICOAT mission - special trips of that kind.

T: Well, now for instance, among the other things yesterday they asked for Villard to come over to do a transition and service liaison job.

L: For the duration or for a short time?

T: No details - not too much details as to how long. I presume for the present emergency which probably during the present planning period means three to six months.

L: Yeah. Well -

T: Probably would be actually attached to ABL as part of their organization.

L: I'd like to discuss that one with you before - or have you discuss it with Suits before -

T: Well, we've got to get it done in the next twenty-four hours.

L: You do!

T: Well, sure, I mean they're getting ready for an invasion and the invasion isn't going to delay at our request.

L: Oh, no - but you're actually talking about sending Villard this week.

T: Well, we've got to get him start processing.

L: Well, who's going to run the other transition activities of your laboratory?

T: Well, that's up to us to worry about. But the point is that Cullum's on the spot, he knows the situation and he's robbing his own part of the organization here to get a man over to do a job that he feels needs to be done there. I assume that he feels it's needed there worse than whatever is going to suffer here, and I am inclined not to argue with his judgment on the matter.

L: Yeah.

T: And he also says that there should be another man - that there should be a man on this side to provide technical liaison or technical - I don't know how he described it now, but it was something like that - to service them in technical matters, and he suggested Hammett for that who is also in his group upstairs.

L: Yeah. That's the kind of a job Peterson was doing for Florosa, wasn't it?

T: Well, I don't know - I mean, of course on the teletype you don't get all the inflectio and shades of meaning. But anyway he suggests Hammett for this and proposes that Hammett go over for three weeks presumably to get familiar with the problem, probably go over with Villard because the two were mentioned together more or less, and then come back you see and be set to carry on with the things that arise from that three weeks.

L: The whole thing is this - I can't tell from this distance- I don't know whether the timing on this thing is such that all this fussing around is going to be any good.

T: Well, I don't know. It seems to me the only thing we can do is to assume that the fellows over there know more about it than we do and not question their decisions on it. With Cullum and Howard and Dyer and Fraenckel over there, it seems to me if we can't have confidence in them we ought to yank the whole thing back and wash out the laboratory.

L: The only question of course, I'd say there is about is the man that's in the theater is usually most interested in that theater and the only question is whether we're placing proper emphasis on that towards the other.

T: Well, how do you compare the importance of the other operations that they have right in front of them compared with all the rest of the war put together.

L: I think it is very very important if the time is right. And I suppose they know that.

T: After all, remember, as far as Cullum is concerned he is not going to stay over there.

L: How long is he going to be over there?

T: Well, his plan was to get back by the 10th of June.

L:

T: He's going over and robbing the organization here that he's going to work with you know in order to help out that situation.

L: Well, then he'll be back shortly after Mike leaves, won't he?

T: Yes, I would imagine that.

L: Yeah, well, I would be perfectly willing to approve Mike's going over on that basis.

T: What about Hammett?

L: I don't know anything about Hammett. You will have to make that decision.

T: Well, it's all right if we go ahead and make it then, is it?

L: Yeah, but I wish -

T: Because he is going over just for you might say a quick trip - take a quick look around then come back again.

L: Well, we ought to confirm all this with letters of course. He's going to have transportation arranged through OSRD channels?

T: Oh, yes.

efh

COPY 5/24/44

Telephone Conversation between R. W. Larson and Dr. Terman, May 23, 1944

T: Well, he is - your question is whether his specific going has been cleared?

L: Yeah.

T: Of course, he is going over as one of the sixteen. Now I don't think you gave previous specific clearance on each one of those sixteen, did you?

L: Yeah, that's right, but on paper he is going over as one of the sixteen but actually he's going to do more than that for you. As I understand it this opportunity gave a good way of getting him over, but the reason for sending him is broader than that.

T: Well, he is doing additional things.

L: And you've been thinking about it -

T: We've been thinking about it, and if it hadn't been for this thing coming along though we very likely would not have sent him. The attractive aspect of this is that he would first get this present thing off to a good start from an organizational point of view, and then having done that he was over there to help on other things.

L: Yeah. Well I didn't think that phase was especially stressed in our meeting with K. C. Black and the other boys that morning.

T: Well, Cullum's going over wasn't discussed really then at all. That came up later in the day with discussion with Bowles in which Bowles is the one that really suggested that he be one of the sixteen.

L: He was?

T: Yeah, and Bowles had, I think, his own reasons for wanting Cullum to go over there at the same time, (that) he Bowles, was going to be there. He certainly intimated that without saying so flatfootedly.

L: Yeah, well the thing -

T: The matter was cleared with Dr. Bush incidentally.

L: Yeah. Did he assume it had been cleared with the Division or what?

T: I don't know. You see Cullum and I talked with Bush one afternoon and then we had this conference with Bowles and then I called Bush on the phone the next day and told him what had transpired, because it related to what he had suggested to us. Bush was concerned about congestion of transportation.

L: Yeah.

T: And wanted to be sure that one didn't congest transportation, and I told him what Bowles had said, and he [Bush] said, "Well, that's fine, go ahead," because this didn't add to the transportation problem over what it would be anyway.

L: Well, I'm not too happy about the procedure that was followed in the case of Earl Cullum as I say because I think it is a special case. As a matter of fact if you discussed it with both Bowles and Bush it would indicate that it was a special case.

T: Well.

L: As I say, it seems to me that the approval of the Division -

T: Now I think, didn't we talk about it some that evening?

L: You mentioned it, I think after you discussed it with both Bowles and Bush.

T: Yeah.

L: But it is my understanding it should be cleared with the Division first, or with the chief.

T: Well, I don't know, I mean we've never had any -

L: Well, I think as far as travel in general, has that been your standard procedure?

T: Well, as far as the official set-up is concerned Cullum is going over as one of the sixteen. Now, I think the only point that is involved, on that thing is does the Division object [or] consider that they should go over each one of the sixteen people and make an individual decision on each one.

L: No.

T: As I understood the project - you were there at that meeting - the general thing that was agreed [was] that the thing to be done [was to go ahead] and that we were selecting the people to fill up the needs.

L: That's right, I just think that there ought to be -

T: Well, he [Cullum] is going over as far as anything official as part of that enterprise. Now, what he does in addition you might say is incidental to the official purpose of his trip there, and is a by-product of the fact that having been there he, as a secondary thing, can do other things. Now if you don't want him to do other things we can cable him [and] say as soon as he's through with that [i.e. the project] to come back.

L: As I said when I opened the conversation, there's no question in my mind that it was a good idea. The only thing I was commenting on was the procedure.

T: Well, I don't see what's important, you knew he was going to be included and before the thing was done - if there was any objection to the procedure why not raise it at the time?

L: Well, the only thing is - at that particular time I hadn't seen the subsequent cable and letters with regard to his [going]. At that time he was just going over as one of the boys. Of course, I realize he was - - as a matter of fact the leader at that time was not mentioned by name, was he? We referred to a boss man but nobody was --

T: Yes, that's right. It wasn't absolutely settled.

L: - - - Earl Cullum was the boss man at the time.

T: What?

L: I thought at the time that maybe Earl Cullum was going to be the boss man.

T: Well.

L: But actually it's going to be Peterson, isn't it?

T: That's right.

L: O.K., well let's -

T: It amounts to this, that Cullum is the boss man over Peterson while he's there because he's representing the laboratory directly - the laboratory administration and Peterson comes under that. But in terms of the fellows out in the field, Cullum will work through Peterson. That is, Peterson is passing the thing on down.

L: Well, I think it would have been better if we'd talked it over before instead of afterwards that's all.

. . . . . .

efh

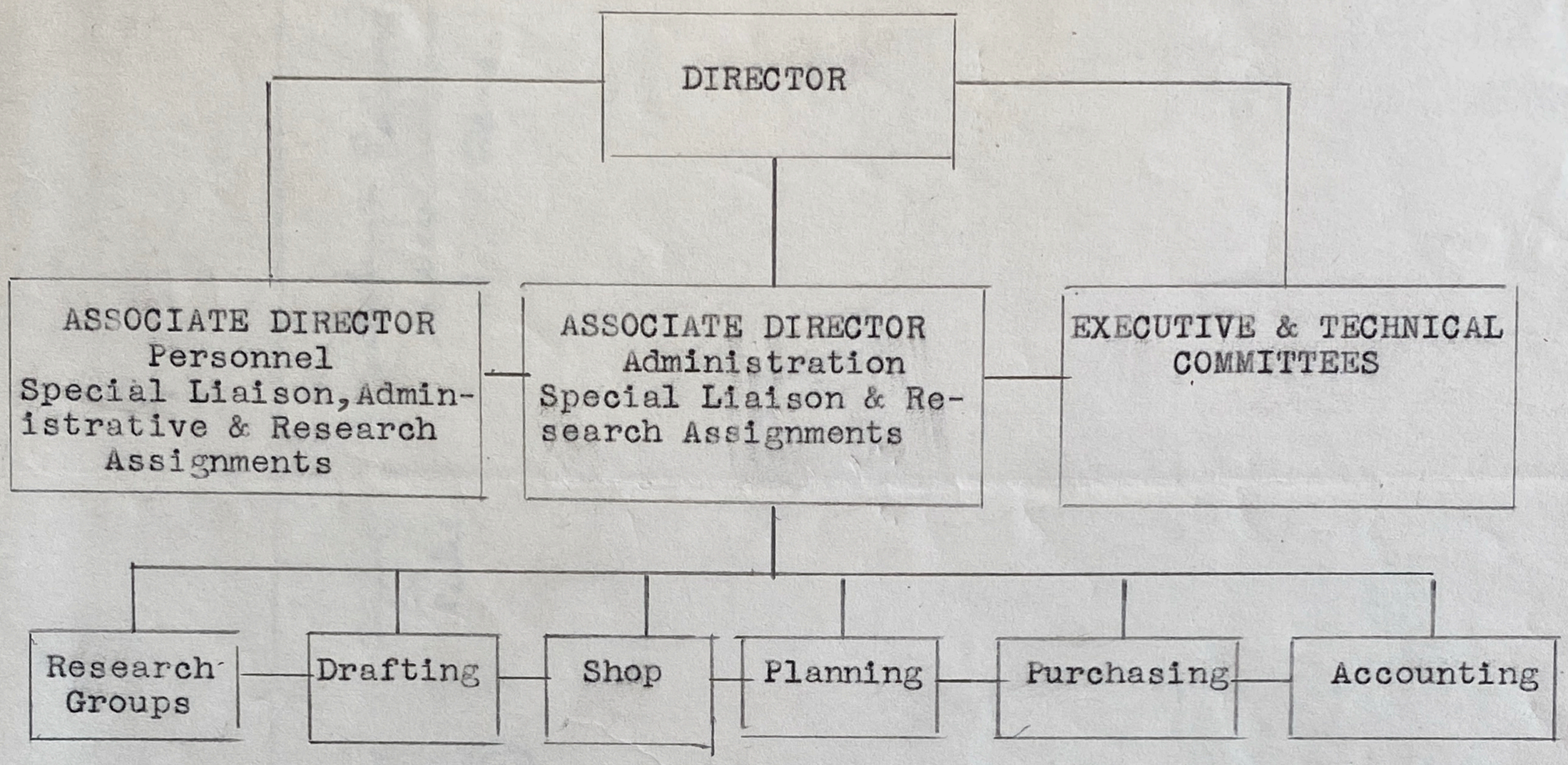
Stanford University Archives

SC 160 SERIES I

Box [illegible]

Organization charts
1942-45

Early June? 1942



Groves

ft-

Group Leaders.

Elliott
Design Comm
Shop
Prodty

Sinclair
Receivers (P.S.V.O)
Design Comm

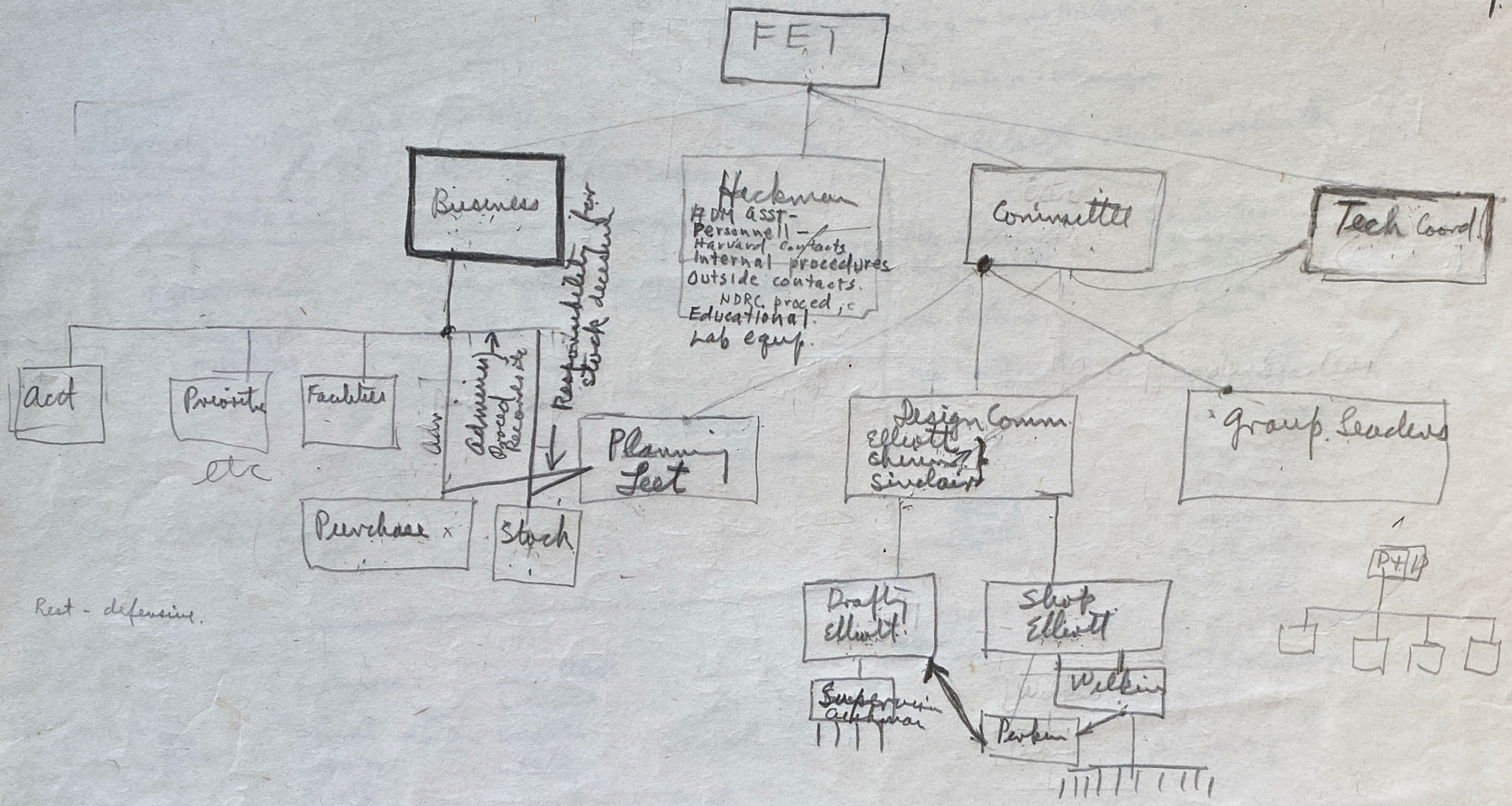
Chinn
Tech coord.
Design Comm.

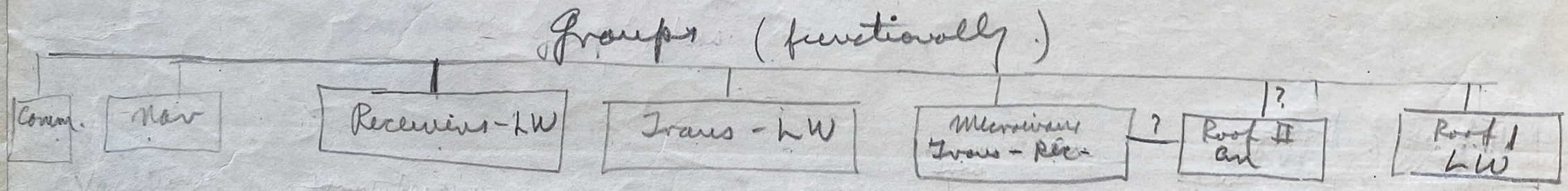
Goldmark Dyer
Pulse anal-
Noise trans
(mil 53 cm Room)
600 mc.

Bryant
FM
Pulse.

Salsbury — Raymond. Cahill Feet ?
11 Wave receiver. Roof I
" Trans.

FET





J. Winnacker - trans rec.

6/12/42

F. E. Terman

D. McQuivey — miss McCurdy
E. Mudge — Balzer - messenger

R. W. Hickman → M. Morgan - Personnel

V. P. Breed - Bus. Mgr.
C. L. Cole asst. to Breed
Miss R. Godsell — Stables - chauffeurs

H. Elliott - Mech. Coordinator

C. C. Chenevert - Stockroom → R. Carpenter → Fogg

F. Gibson - Purchasing → Mrs. Flint, Miss Gray

H. MacKillop - Acct. → Mrs. Kehoe

W. Hagar - Facilities

E. V. Jones, Receiving Room

Planning Leet

Blue Print & Drawing File Mrs. Mayers

Kardex Mrs. Thomas

Mr. Wilkins Shop. Supt. → Mr. Perkins → Mr. Weitzgard

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O. Angell
K. P. Barrington
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C. A. Megson
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T. E. Thoreson
A. J. McInnis
C. A. Langguth

R. W. Cashman, H. I. Gerson, A. R. Cate, A. K. Ballenger, R. Allen — Mason, Flannagan

Leet
Planner

W. W. Salisbury — Raymond, Record, Fletcher, Powers, Hulstede, Barnes, Duggan, Holt, Robinson, Cohn, Livingood
(miss Morse)

J. F. Byrne → Crispell, Raburn, Pierce, Strong, Morehouse, Kelso
Miss Ross

Sinclair-Elliott — Soderman, Canfield, Crowley

Columbia — Gallmark → Platts, Ready; Chinn; Dyer

Cahill

Whip | Cow

Guards
Bourjane
Caruso
Palmer
Tingoo

67 + 4 guards.
Checks w/ Mr. Morgan's office on personnel.

J. B. Morrice - Radio Tech.

HICKMAN

Sinclair

PET

Exec ELLIOTT
Com.
CELEC

Hick

Treas

Advising
Tech
Chinn

Chinn

CELEC
Planning

Engr

McQ

Chasing

Purch

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ELLIOTT
CHINN-Sinclair
Design

ELLIOTT
Draft

ELLIOTT
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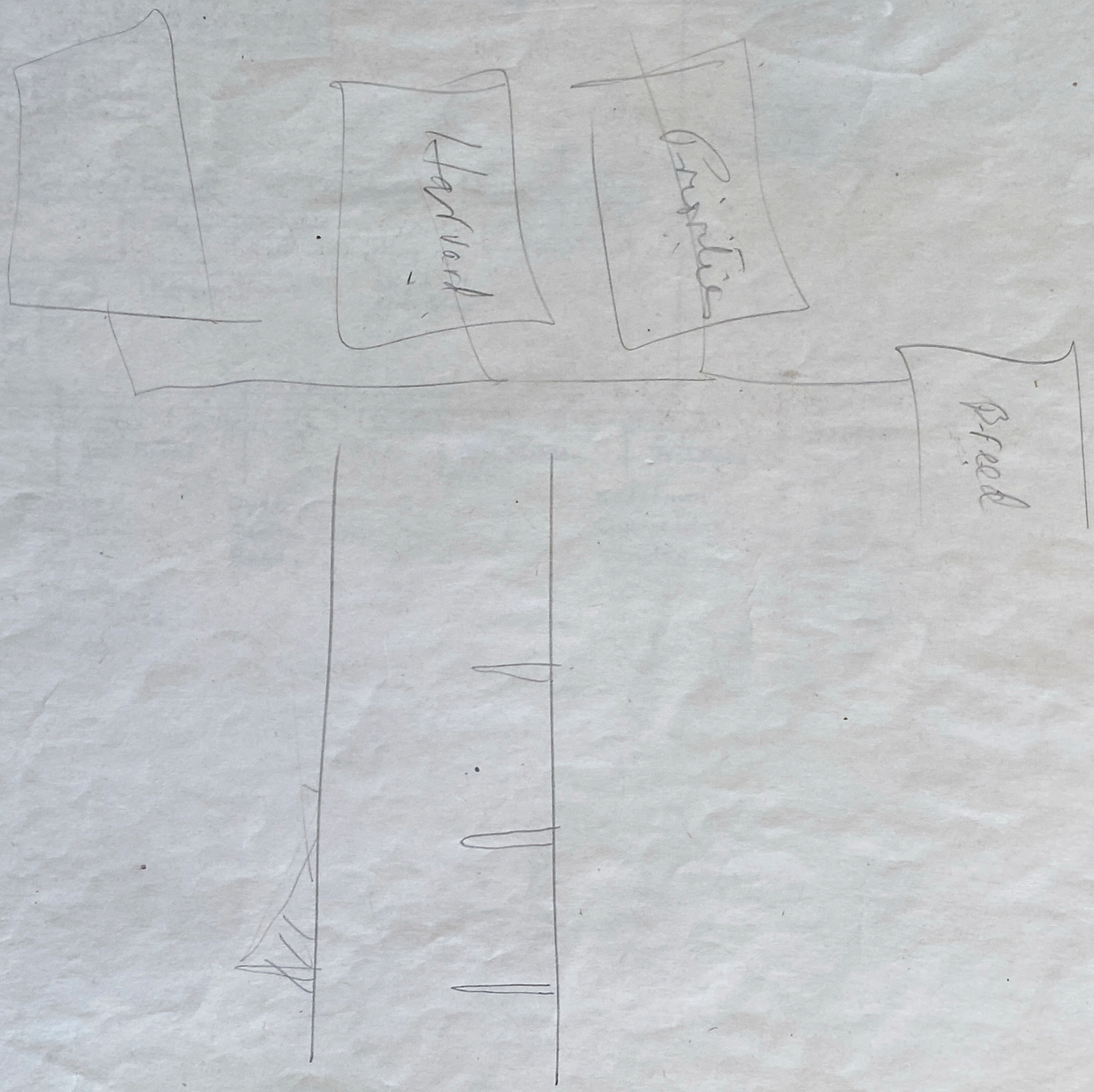
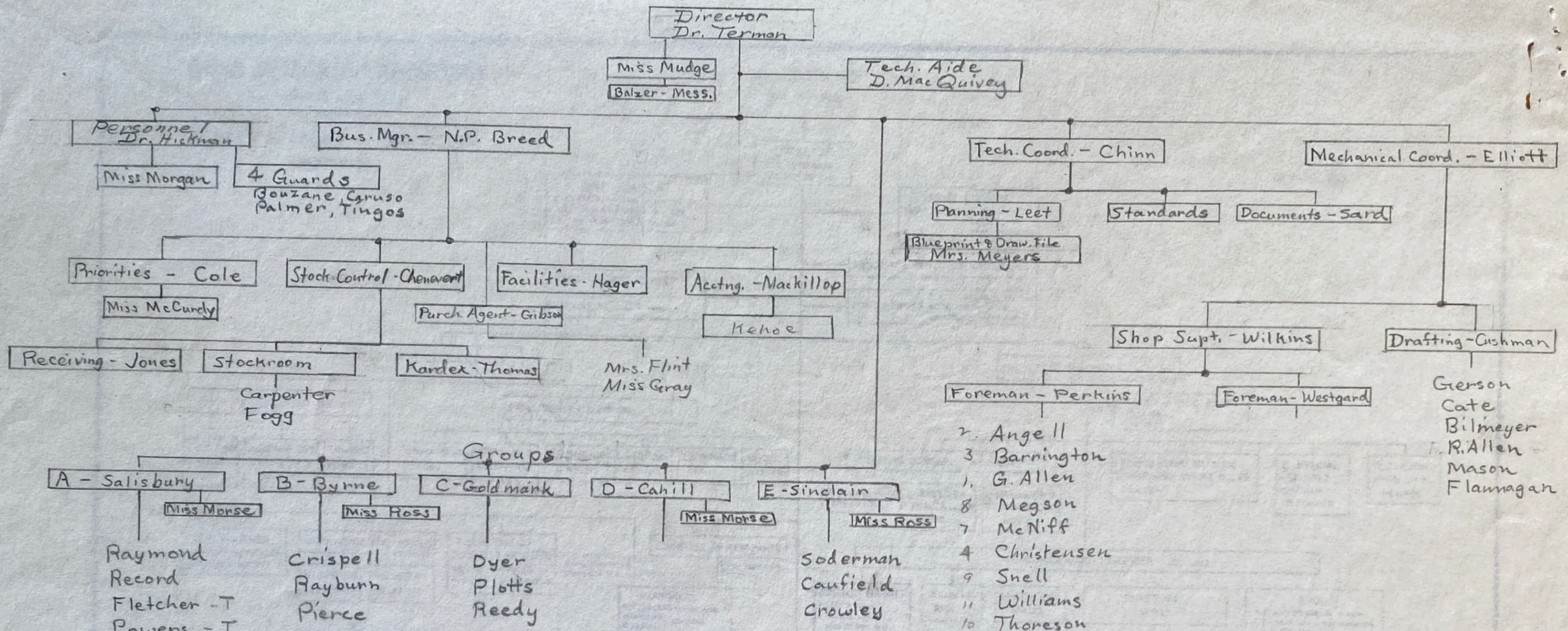
G.L.

M. Sinclair 6/12/42



N. MacKinney 6/12/42



D. MacQuivey 6/12/42

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CAMBRIDGE, MASS.

ORGANIZATION CHART APRIL 10, 1944

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BREED VICE CHAIRMAN
SUTHERLAND SEC'Y.
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BOWDITCH BUSINESS OFF. & ALL OTHERS
E. MUDGE WOMEN EMPLOYEES

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CAHILL
DYER
FUBINI
SARD
O'BRIEN
MORAN
TERMAN, EX OFFICIO
CULLUM, " "
BYRNE, " "
BACORN, SECRETARY

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HULSTEDE CHAIRMAN
SPANGENBERG SEC'Y.
BYRNE — OVERACKER
CULLUM — MOYER
BUSS — PETTIT
SODERMAN

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- D & U-RECEIVER AND TEST EQUIPMENT DEVELOPT & DESIGN OVERACKER
- Q-OSCILLATOR & RECEIVER RESEARCH SPANGENBERG

TRANSMITTER DIVISION (COMBINING GROUPS B & F) YUNKER
RAMBO (AIRBORNE S-BAND SYSTEM)

A - HIGH POWER DOW

MODEL DESIGN PLOTTS

TESTS AND STANDARDS LAB GAGER

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MORLEY — ASST. HEAD ELECTRONICS
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PERKINS SUBCONTRACTING

PRODUCTION ASSEMBLY G. EVANS

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- MACHINE & SHEET MET SHOP ZIMMERMAN
- WINDOW SHOP
- TOOLS AND STOCK C. TAMM

ANTENNA DIVISION ALFORD
- C CHRISTENSEN
- N-1 DORNE
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  - WINDOW WHIPPLE, TAYLOR
- DOCUMENT ROOM HAMERMESH
- H-NOISE COBINE

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PETERSON & DYER — CO-LEADERS

CAHILL, ASST. TO DYER AND PETERSON

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MORAN - BEDFORD
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2. KAISEL, SCHEUCH, VALLAS, GOTTLIEB
3. KUIPER

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  - BUILDING OPS. & FACILITIES CUTTER
  - TRAFFIC BRADLEY
- PROCUREMENT DIVISION COLE
  - STOCKROOM FOGG
  - SHIPPING & RECEIVING JONES
  - PURCHASING GIBSON
  - EXPEDITING ROGERS
  - SUBCONTRACTS COOKE
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CUSHMAN ASST.
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  - C-DF & HOMING CHRISTENSEN
  - D & U RECEIVER AND TEST EQUIPMENT DEVELOP'T & DESIGN OVERACKER
  - Q-OSCILLATOR & RECEIVER RESEARCH SPANGENBERG
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  WHITE (AIRBORNE S-BAND SYSTEM)
  - T-MECH. ENG. MALLES
- TEST & STANDARDS LAB. GAGER

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- PLANNING
  DUNLEAVEY HEAD
  MORLEY ASST. HEAD ELECTRONICS
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  PERKINS SUBCONTRACTING
- PRODUCT ENGINEERING E. PLOTTS
  - PRODUCTION ASSEMBLY G. EVANS
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  - TRANSITION DIV.
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    FLYNN RECEIVERS
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  SALISBURY
  DOW
  LIVINGOOD
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  ALFORD
- RESEARCH & ANALYSIS
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  BLOCH
  - G-THEORY & OPERATIONAL ANALYSIS VAN VLECK
    - WINDOW WHIPPLE, TAYLOR
  - DOCUMENT ROOM HAMERMESH
  - H-NOISE COBINE
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  CAHILL - HEAD
  FARLEY ASST. HEAD
  COWAN LAB.
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COMMITTEE ON PERSONNEL
TERMAN CHAIRMAN
BREED VICE CHAIRMAN
SUTHERLAND SEC'Y.
WILKINS DRAFTING, MACHINE SHOP, PRODUCT ENGINEERING
DIX
NILE
HULSTEDE RESEARCH ASSOCIATES
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E. MUDGE WOMEN EMPLOYEES

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SPANGENBERG SEC'Y.
BYRNE — OVERACKER
CULLUM — FLYNN

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BYRNE CHAIR. — CULLUM
HULSTEDE SEC'Y. — DOW
LUBIN — YUNKER

INSTRUMENT COMMITTEE
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WHOLEY SEC'Y.

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CHASE ASSOC. ADMINIS. DIV.
FRANCIS BUS. MGR.
OPERATES AS PART OF RRL UNDER CONTRACT OEM Sr 1046

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MORAN ASST. HEAD
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SYSTEMS - FARLEY
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2. BUSS
3. SCHEUCH
4. KAISEL
5. OLIPHANT
6. KUIPER
7. BAILEY

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  - STOCKROOM — FOGG
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  - PERSONNEL — SUTHERLAND; DIX; NILE

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- **U - SPECIAL DEVICES** — OVERACKER ✓
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  - TOOLS AND STOCK — C. TAMM

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  - INSTRUMENTS — WILSON
  - PHOTOGRAPHY

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- **M - ANTENNAS & D-F** — ALFORD
- **RESEARCH & ANALYSIS** — VAN VLECK; BLOCH ✓
  - G - THEORY & OPERATIONAL ANALYSIS — VAN VLECK
  - DOCUMENT ROOM — HAMERMESH ✓
  - H - NOISE — COBINE
  - WINDOW — WHIPPLE; KUIPER
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BYRNE — SINCLAIR
CULLUM — VAN VLECK
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BYRNE — PETTIT ✓
CULLUM — SALISBURY
BARNARD SECY.

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HULSTEDE { RESEARCH ASSOCIATES, TECHNICIANS ✓
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SPANGENBERG SECY. ✓
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CULLUM — SINCLAIR
FLYNN

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BYRNE CHAIR. — CULLUM
HULSTEDE SECY. ✓
ROSS — YUNKER ✓
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SALISBURY
DOW
LIVINGOOD

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ALFORD

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VAN VLECK
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- G-THEORY & OPERATIONAL ANALYSIS VAN VLECK
  - WINDOW WHIPPLE, KUIPER
- DOCUMENT ROOM HAMERMESH
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FARLEY Asst Head
COWAN Lab.
ATHEY Motion Picture

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BYRNE PETTIT
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SUTHERLAND SECY. (ALT. A. H. NILE)
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HOTCHKISS (ABL-15, FLOROSA)
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BYRNE PETTIT
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ROSS YUNKER
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LUBIN CULLUM
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SODERMAN SECY. SINCLAIR

MICROWAVE SYSTEM COMM.
TERMAN CHAIRMAN
ALFORD HULSTEDE
BYRNE SALISBURY (Dow)
CULLUM YUNKER
WHITE SECY.

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CHASE ASSOC. ADMINIS. DIV.
FRANCIS BUS. MGR.
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SYSTEMS - FARLEY
FLOROSA - YOUNGBLOOD DIRECTOR
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2. BUSS, COHN & FOSTER
3. MONROE, RHIGER
4. KAISEL
5. FARLEY
6. KUIPER
7. CULLUM

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HARVARD UNIVERSITY
CAMBRIDGE, MASS.

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OCT. 29, 1943

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AAF LT. SUMNERS

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LT. BLY ADMINISTRATIVE DETAILS
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CULLUM SINCLAIR
LEBENBAUM SEC'Y

PROJECT COMMITTEE
REVIEWING COMMITTEE ON PROJECTS & URGENCY
TERMAN SALISBURY
BYRNE SINCLAIR
CULLUM
PETTIT SEC'Y

EXECUTIVE COMMITTEE
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SERVICE RELATIONS
CULLUM

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LEET - ADMIN. HEAD
FLYNN - RECEIVERS
ROSS - TRANSMITTERS
SCOTT - SPECIAL

LAB SERVICE
McQUIVEY

EXECUTIVE ENGINEER - BYRNE

B HULSTEDE
LOW FREQ.

F DYER YUNKER
HIGH FREQ.
TRANSMITTERS

C CHRISTENSEN
M & D-F

D PETTIT
RECEIVERS

U SINCLAIR
INSTRUMENTS

STANDARDS SPECIATIONS MROE

SALISBURY COORDINATOR

A SALISBURY
A 500 LIVINGOOD
MISC. DOW

Q HULSTEDE
SPECIAL OSCILLATORS

R RAYMOND HOLT
SPECIAL RECEIVERS

BUSINESS OFFICE - BREED

FACILITIES DIVISION
BROOKS
BUILDING OPERATIONS BOWDITCH
INSTRUMENTS BROOKS
WOOD SHOP HART
DISPATCHER REYNOLDS

PROCUREMENT DIVISION
COLE
STOCK CHENEVEY
SHIPPING RECEIVING JONES
PURCHASING GIBSON
PROCUREMENT COOK

DEPARTMENTS
ACCOUNTING - LUNDEN
AIRPORT - SUTHERLEN
GUARDS - SAWYER
STATISTICS - ROWE

FIELD STATIONS
FLOROSA
PENDERGRAST
ABL-15
ARNOLD

H COBINE

G VAN VLECK
THEORY
WHIPPLE
W

K TAYLOR PETERSON
BASIC J STUDY

E CAHILL O'BRIEN
L.F. SYSTEMS

L FARLEY
VHFI SYSTEM

SYSTEMS

M ALFORD
ANTENNAS D-F

ENGINEERING SERVICES - COLLINS

Y PRODUCT ENGINEERING PLOTTS

ASSEMBLY EVANS

TESTS MAYBERRY

PRODUCTION PLOTTS

T MECHANICAL ENGINEERING MALLES

DRAFTING DESIGN CUSHMAN WYLDE

DESIGN GERSON

SHOP WILKINS WEBER WILLIAMS

PLANNING MONROE

FIELD LABORATORIES

LIAISON - HOTCHKISS

ABL-15
MALVERN ENGLAND
FRAENCKEL - ACT. DIRECTOR
GOLDMARK - TECH. SUPERVISOR
ARNOLD - BUSINESS MGR.
OPERATES UNDER CONTRACT OEMsr 1045

P
FLOROSA STATION
FLORIDA
POLLOCK - DIRECTOR
PENDERGRAST - BUSINESS MGR.

COLUMBIA BROADCASTING SYS.
NEW YORK CITY
GOLDMARK SUPERVISOR
HENDRICKS ASST. SUPERVISOR
GROUPS UNDER DIRECTION
DYER & SERRELL
OPERATES UNDER CONTRACT OEMsr 687

FET/FFA 10/5/43

RADIO RESEARCH LABORATORY
HARVARD UNIVERSITY
CAMBRIDGE, MASS.

DIVISIO

DIRECT
F.E. TERM

ARMY LIAISON
O.C.SIG.O MAJ. DODGE
CAPT. DUFFY
A.A.F. LT. SUMMERS

INSTRUMENT COMM.
BYRNE CHAIRMAN
CULLUM SINCLAIR
LEBENBAUM SECY

PROJECT COMMITTEE
REVIEWING COMMITTEE
ON PROJECTS & URGENCY
TERMAN SALISBURY
BYRNE SINCLAIR
CULLUM
PETTIT SECY

EXECUTIVE COMMITTEE
TERMAN CHAIRMAN
BREED HICKMAN
BYRNE SALISBURY
CULLUM SINCLAIR
ELLIOTT
VILLARD SECY

ASSISTANT TO DIRECTOR
HOTCHKISS
FIELD STATION LIAISON
PATENTS

HICKMAN

TRANSITION OFFICE
CULLUM
LEET

INFORMATION DIV.
HICKMAN

TRAINING
HOLT

PERSONNEL
HARRISON

SERVICE RELATIONS
CULLUM

SPECIAL PROJECTS
DEMONSTRATIONS
VILLARD

OSRD
NDRC
LEET

MANUFACTURERS SECTION
LEET - ADMIN. HEAD
FLYNN - RECEIVERS
ROSS - TRANSMITTERS
SCOTT - SPECIAL

LAB. SERVICE
MacQUIVEY

DOCUMENT ROOM
SARD

PHOTOG
DONALDSON
VONDERMUHLL

ILLUS-
TRATORS

REPRO-
DUCTION

BUSINESS OFFICE - BREED

FACILITIES DIVISION
BROOKS

PROCUREMENT DIVISION
COLE

DEPARTMENTS
ACCOUNTING - LUNDEN
AIRPORT - SUTHERLEN
GUARDS - SAWYER
STATISTICS - ROWE

FIELD STATIONS
FLOROSA
PENDERGRAST
ABL-15
ARNOLD

BUILDING OPERATIONS
BOWDITCH

INSTRUMENTS
BROOKS

WOOD SHOP
HART

DISPATCHER
REYNOLDS

STOCK-ROOM
CHENEVERT

SHIPPING
RECEIVING
JONES

PURCHASING
GIBSON

PROCUREMENT
COOK

ENGINEERING SERVICES - COLLINS

Y PRODUCT ENGINEERING
PLOTTS

T MECHANICAL ENGINEERING
MALLES

DRAFTING
DESIGN
CUSHMAN
WYLDE

SHOP
WILKINS
WEBER
WILLIAMS

PLANNING
MONROE

ASSEMBLY
EVANS

TESTS
MAYBERRY

DES. & PRODUCTION
PLOTTS

DESIGN
GERSON

OCT. 29. 1943

SION 15

RECTOR
TERMAN

NAVY LIAISON
LT. COM. FERRIER
LT. M.C. MAINS EXEC. & TECH. ASST.
LT. BLY ADMINISTRATIVE DETAILS
LT. COM. CHRISTENSEN PROJ. CAST.

TECHNICAL COMMITTEE
FOR TECHNICAL COORDINATION
MEMBERSHIP - SENIOR TECH STAFF
AND LIAISON OFFICERS
TERMAN CHAIRMAN
HICKMAN VICE CHAIRMAN
SEC'Y

ASSOCIATE DIRECTORS
CULLUM
HICKMAN

CONSULTANTS
MECH. PROBLEMS - ELLIOTT
MICROWAVES - SALISBURY

EXECUTIVE ENGINEER - BYRNE

- B HULSTEDE — LOW. FREQ.
- F DYER YUNKER — HIGH FREQ.
  - TRANSMITTERS
- C CHRISTENSEN — M & D-F
- D PETTIT — RECEIVERS
- U SINCLAIR — INSTRUMENTS
- STANDARDS SPECICATIONS MNROE

SALISBURY COORDINATOR

- A SALISBURY
  - A 500 LIVINGOOD
  - MISC. DOW
- Q HULSTEDE — SPECIAL OSCILLATORS
- R RAYMOND HOLT — SPECIAL RECEIVERS

- H COBINE
- G VAN VLECK
  - THEORY
  - WHIPPLE — W
- K TAYLOR PETERSON — BASIC J STUDY
- E CAHILL O'BRIEN — L.F. SYSTEMS
- L FARLEY — VHFI SYSTEMS
  - SYSTEMS
- M ALFORD — ANTENNAS D-F

FIELD LABORATORIES

LIAISON - HOTCHKISS

ABL-15
MALVERN ENGLAND
FRAENCKEL - ACT. DIRECTOR
GOLDMARK - TECH. SUPERVISOR
ARNOLD - BUSINESS MGR.
OPERATES UNDER
CONTRACT OEM sr 1045

P
FLOROSA STATION
FLORIDA
POLLOCK - DIRECTOR
PENDERGRAST - BUSINESS MGR

COLUMBIA BROADCASTING SYS.
NEW YORK CITY
GOLDMARK SUPERVISOR
HENDRICKS ASS'T SUPERVISOR
GROUPS UNDER DIRECTION
DYER & SERRELL
OPERATES UNDER CONTRACT OEM sr 687

FET/FPA 10/5/43

Stanford University Archives
SC 160 Series I
Box 2 Folder: 12

Personnel Directories
1942-46

RADIO RESEARCH LABORATORY PERSONNEL

June 11th, 1942

RESTRICTED

NAME			ROOM	TEL.EXT.
Allen, Robert	Draftsman		Lab	1050
Angell, Otis	Shop		Shop	1049
Balzer, Donald	Messenger			1052
Barnes, R. B.	Research Associate		Lab	1050
Barrington, K. P.	Shop		Shop	1049
Bilmeyer, A. K.	Research Associate	(Drafting)	Lab	1050
Bouzane, Charles	Guard			1052
Breed, N. Preston	Business Manager		210	1055
Byrne, John F.	Research Associate		206	1046
Cahill, F. C.	"		209	1048
Carpenter, Roy	Stockroom		Stockroom	1051
Caruso, Joseph	Guard			1052
Cate, Albert R.	Draftsman		Lab	1050
Caufield, Wallace	Research Associate		208	1048
Chenevert, C. C.	Stockroom Manager		Stockroom	1051
Chinn, H. A.	Research Associate		223	1041
Christenson, Allen	Shop		Shop	1049
Crispell, Harold L.	Research Associate		Lab	1050
Crowley, John F.	"		Lab	1050
Cushman, Robert W.	"	(Drafting)	Lab	1050
Duggan, J. R.	"		Lab	1050
Dyer, John N.	"		223	1041
Eldridge, J. H.	"		Lab	1050
Elliott, Harold F.	"		208	1048
Flannagan, G. H.	"	(Drafting)	Lab	1050
Fletcher, J. A.	Technician		Lab	1050
Flint, Persis (Mrs.)	Secretary		Cruft	Harv.-430
Gerson, H. I.	Draftsman		Lab	1050
Gibson, F. M.	Purchasing		Cruft	Harv.-430
Godsell, Reba C.	Secretary		220	1055
Goldmark, P. C.	Research Associate		223	1041
Gray, Virginia A.	Secretary		Cruft	Harv.-430
Hagar, Warren A.	Facilities			1047
Hickman, R. W.	Associate Director		202	1043-1044
Holt, Roland	Research Associate		Lab	1050
Hulstede, G. E.	"		Lab	1050
Jones, Ernest	Stockroom		Stockroom	1051
Kees, Harvey	Research Associate		Lab	1050
Kehoe, Phyllis (Mrs.)	Secretary		211	1047
Langguth, C. A.	Shop		Shop	1049
Leet, L. Don	Planning		207	1046
MacKillop, Harvey	Accounting		211	1047
MacQuivey, D. R.	Research Associate		230	1054
McCurdy, M. Elizabeth	Secretary		230	1054
McGinnis, T.	Shop		Shop	1049
McNiff, T.	Shop		Shop	1049
Megson, C. A.	Shop		Shop	1049
Mason, W. A.	Research Associate	(Drafting)	Lab	1050
Meyers, Vera (Mrs.)	Secretary		Lab	1050

RESTRICTED

Brown, Charles H., June 29, shop

July:
Sard, Robert, July 1, Res. Assoc.
McCouch, Gordon P., July 1, Res. Assoc.
White, Warren D., July 1, Res. Assoc.
Otis, Charles, July 1, Res. Assoc.
Shuler, Ellis W., July 1, Res. Assoc.
Bark, Andrew, July 1, Res. Assoc.
Barrett, Elton, July 13, Res. Assoc.
Silliman, Robert, July 15, Res. Assoc.
Barnes, F. R., July 6, Res. Assoc.

August:

Villard, Oswald, August 1, Res. Assoc.

September:

Thomas, R. N., September 1, Res. Assoc.
Huggins, William, September 15, Res. Assoc.

?

Rambo, William
Lebenbaum, Mathew
Harrington

NAME		ROOM	TEL.EXT.
Morehouse, Gerald D.	Research Associate	Lab	1050
Morgan, Marjory	Secretary	201	1043-1044
Morse, Beulah	Secretary	203	1045
Mudge, Elizabeth	Secretary	201	1041-1042
Palmer, J. A.	Guard		1052
Perkins, E. M.	Shop	Shop	1049
Pierce, Roger J.	Research Associate	206	1046
Plotts, Ellery	"	206	1046
Powers, E. P.	Technician	Lab	1050
Raburn, Louis E.	Research Associate	Lab	1050
Raymond, Richard C.	"	203	1045
Record, Frank A.	"	204	1045
Reedy, H. Paul	"	Lab	1050
Robinson, P. E.	Technician	Lab	1050
Ross, Beatrice	Secretary	206	1046
Salisbury, W. W.	Research Associate	203	1045
Sinclair, D. B.	"	208	1048
Snell, George F.	Shop	Shop	1049
Soderman, Robert A.	Research Associate	208	1048
Strong, Harvey W.	Technician	Lab	1050
Stubbs, Richard	Chauffeur		1052
Terman, F. E.	Director	200	1041-1042
Thoresen, T. E.	Shop	Shop	1049
Tingos, Peter	Guard		1052
Westgard, J. A.	Shop	Biol.Lab.	Harv.-709
Wilkins, A. O.	Shop Superintendent	Shop	1049
Williams, C. P.	Shop	Shop	1049
Livingood, John H .	Res. Assoc.		
Pettit, J. M.	Res. Assoc.		
Cohn, Seymour B.	Res. Assoc.		
Allen, George Henry	shop		
Dupree, Eleanor Grace	Res. Assoc.		
Thomas, Helen Lewis	Kardex		
Balzer, Barbara	Secretary		
Oliphant, Charles W.	Res. Assoc.		
Gaskell, John M.	Stockroom		
Christensen, Harold	Res. Assoc.		
Foster, John Stuart	Technician		
Hoglund, Ralph H.	Res. Assoc.		
Cole, Clarence L.	Res. Assoc.		
Sutro, Peter J.	Res. Assoc.		
Fogg, Edwin W.	shop		
Klemm, George H.	Res. Assoc.		
Graham, Margaret	Secretary		

COMING

June:

Overacker, H. E.
Adams, Fletcher P., June 29, draftsman

F.E.T.

RADIO RESEARCH LABORATORY PERSONNEL

RESTRICTED

~~June 11th, 1942~~

Corrected Through
June 17, 1942

NAME			ROOM	TEL.EXT.
Allen, Robert	Draftsman		Lab	1050
Angell, Otis	Shop		Shop	1049
Balzer, Donald	Messenger			1052
Barnes, R. B.	Research Associate		Lab	1050
Barrington, K. P.	Shop		Shop	1049
Billmeyer, A. K.	Research Associate	(Drafting)	Lab	1050
Bouzane, Charles	Guard			1052
Breed, N. Preston	Business Manager		210	1055
Byrne, John F.	Research Associate		206	1046
Cahill, F. C.	"		209	1048
Carpenter, Roy	Stockroom		Stockroom	1051
Caruso, Joseph	Guard			1052
Cate, Albert R.	Draftsman		Lab	1050
Caufield, Wallace	Research Associate		208	1048
Chenevert, C. C.	Stockroom Manager		Stockroom	1051
Chinn, H. A.	Research Associate		223	1041
Christenson, Allen	Shop		Shop	1049
Crispell, Harold L.	Research Associate		Lab	1050
Crowley, John F.	"		Lab	1050
Cushman, Robert W.	"	(Drafting)	Lab	1050
Duggan, J. R.	"		Lab	1050
Dyer, John N.	"		223	1041
~~Eldridge~~ Eldredge, J. H.	"		Lab	1050
Elliott, Harold F.	"		208	1048
Flanagan, G. H.	"	(Drafting)	Lab	1050
Fletcher, J. A.	Technician		Lab	1050
Flint, Persis (Mrs.)	Secretary		Cruft	Harv.-430
Gerson, H. I.	Draftsman		Lab	1050
Gibson, F. M.	Purchasing		Cruft	Harv.-430
Godsell, Reba C.	Secretary		220	1055
Goldmark, P. C.	Research Associate		223	1041
Gray, Virginia A.	Secretary		Cruft	Harv.-430
Hagar, Warren A.	Facilities			1047
Hickman, R. W.	Associate Director		202	1043-1044
Holt, Roland	Research Associate		Lab	1050
Hulstede, G. E.	"		Lab	1050
Jones, Ernest	Stockroom		Stockroom	1051
Kees, Harvey	Research Associate		Lab	1050
Kehoe, Phyllis (Mrs.)	Secretary		211	1047
Langguth, C. A.	Shop		Shop	1049
Leet, L. Don	Planning		207	1046
MacKillop, Harvey	Accounting		211	1047
MacQuivey, D. R.	Research Associate		230	1054
McCurdy, M. Elizabeth	Secretary		230	1054
McGinnis, T.	Shop		Shop	1049
McNiff, T.	Shop		Shop	1049
Megson, C. A.	Shop		Shop	1049
Mason, W. A.	Research Associate	(Drafting)	Lab	1050
Meyers, Vera (Mrs.)	Secretary		Lab	1050

NAME		ROOM	TEL.EXT.
Morehouse, Gerald D.	Research Associate	Lab	1050
Morgan, Marjory	Secretary	201	1043-1044
Morse, Beulah	Secretary	203	1045
Mudge, Elizabeth	Secretary	201	1041-1042
Palmer, J. A.	Guard		1052
Perkins, E. M.	Shop	Shop	1049
Pierce, Roger J.	Research Associate	206	1046
Plotts, Ellery	"	206	1046
Powers, E. P.	Technician	Lab	1050
Raburn, Louis E.	Research Associate	Lab	1050
Raymond, Richard C.	"	203	1045
Record, Frank A.	"	204	1045
Reedy, H. Paul	"	Lab	1050
Robinson, P. E.	Technician	Lab	1050
Ross, Beatrice	Secretary	206	1046
Salisbury, W. W.	Research Associate	203	1045
Sinclair, D. B.	"	208	1048
Snell, George F.	Shop	Shop	1049
Soderman, Robert A.	Research Associate	208	1048
Strong, Harvey W.	Technician	Lab	1050
Stubbs, Richard	Chauffeur		1052
Terman, F. E.	Director	200	1041-1042
Thoresen, T. E.	Shop	Shop	1049
Tingos, Peter	Guard		1052
Westgard, J. A.	Shop	Biol.Lab.	Harv.-709
Wilkins, A. O.	Shop Superintendent	Shop	1049
Williams, C. P.	Shop	Shop	1049
Livingood, John J.	Research Associate		
Pettit, J. M.	Research Associate		
Cohn, Seymour B.	Research Associate		
Allen, George Henry	Shop		
Dupree, Eleanor Grace	Research Associate		
Thomas, Helen Lewis	Secretary		
Balzer, Barbara	Secretary		
Oliphant, Charles	Research Associate		
Gaskell, John M.	Shop		
Christensen, Harold	Research Associate		
Foster, John S.	Technician		
R.E. Lyons.	Navy		

COMING

Sard, Robert	Research Associate
McCouch, Gordon P.	Research Associate
Klemm, George	Research Associate
Hoglund, Ralph	" "
Sutro, Peter	" "
Overacker, H. E.	" "
Morrice, John	Shop
Adams, Fletcher P.	Draftsman
Brown, Charles H.	Shop
Fogg, E. W.	Priorities
White, Warren D.	Research Associate
Fryer, Edward	Navy

RESTRICTED

Reynolds, Donald K.	Research Associate
Otis, Charles	"
Shuler, Ellis W.	"
Bark, Andrew	"
Barrett, Elton	"
Silliman, Robert	"
Barnes, F. R.	"
Villard, Oswald G.	"
Thomas, R. N.	"
Huggins, William	"

RESTRICTED

RADIO RESEARCH LABORATORY PERSONNEL

July 2nd, 1942

TEL. EXT.	NAME			ROOM
1050	Adams, Fletcher P.	Drafting		Lab
1049	Allen, G. H.	Shop		Shop
1050	Allen, Robert	Drafting		Lab
1049	Angell, Otis	Shop		Shop
1057	Balzer, Barbara	Kardex		223
1052	Balzer, Donald	Messenger		
1050	Barnes, Robert B.	Research Associate		Lab
1049	Barrington, K. P.	Shop		Shop
1050	Bilmeyer, A. K.	Research Associate	(Drafting)	Lab
1052	Bouzane, Charles	Guard		
1055	Breed, N. Preston	Business Manager		210
1049	Brown, Charles H.	Shop		Shop
1053	Bureau of Ships	Liaison Office		207
1046	Byrne, John F.	Research Associate		206
1048	Cahill, F. Clark	"		209
1051	Carpenter, Roy	Stockroom		Stockrm
1052	Caruso, Joseph	Guard		
1050	Cate, Alfred R.	Drafting		Lab
1048	Caufield, Wallance	Research Associate		208
1051	Chenevert, C. C.	Stockroom Manager		Stockrm
1059	Chinn, H. A.	Research Associate		204
1049	Christenson, Allen	Shop		Shop
1053	Christensen, Harold	Research Associate		207
1050	Cohn, S. B.	"		Lab
1054	Cole, C. L.	Research Associate	(Priorities)	230
1050	Crispell, Harold L.	Research Associate		Lab
1050	Crowley, John F.	"		Lab
1050	Cushman, Robert W.	Research Associate	(Drafting)	Lab
1050	Duggan, J. R.	Research Associate		Lab
1045	Dupree, Eleanor	"		223
1041	Dyer, J. N.	"		223
1050	Eldredge, J. H.	"		Lab
1048	Elliott, Harold F.	"		208
1050	Flanagan, G. H.	Research Associate	(Drafting)	Lab
1050	Fletcher, J. A.	Technician		Lab
Harvard 430	Flint, Persis (Mrs.)	Secretary		Cruft
1051	Fogg, E. W.	Stockroom		Stockrm
1053	Fryer, EM, Ens., U.S.N.	Bureau of Ships		207
1051	Gaskell, J. M.	Stockroom		Stockrm
1050	Gerson, H. I.	Drafting		Lab
1057	Gibbons, Ruth C.	Secretary		223
Harvard 430	Gibson, F. M.	Purchasing		Cruft
1055	Godsell, Reba C.	Secretary		220
1041	Goldmark, Peter C.	Research Associate		223
1053	Graham, Margaret	Secretary		207
Harvard 430	Gray, Virginia A.	Secretary		Cruft
1047	Hagar, Warren A.	Facilities		

TEL. EXT.	NAME			ROOM
1050	Harrington, John V.	Research Associate		Lab
1043-1044	Hickman, R. W.	Associate Director		202
1050	Hoglund, R.	Research Associate		Lab
1058	Holmes, Louise A.	Secretary		223
1050	Holt, Roland	Research Associate		Lab
1050	Hulstede, G. E.	"		Lab
1051	Jones, Ernest V.	Stockroom		Stockrm
1050	Kees, Harvey	Research Associate		Lab
1048	Klemm, G. H.	"		208
1049	Langguth, C. A	Shop		Shop
1048	Lebenbaum, Matthew	Research Associate		223
1058	Leet, L. Don	Research Associate	(Planning)	223
1050	Livingood, J. J.	Research Associate		Lab
1053	Lyon, R. E., Ens., U.S.N.	Bureau of Shipps		207
1057	MacKillop, Harvey	Accounting		223
1047	MacQuivey, D. R.	Research Associate		211
1050	McCouch, Gordon P.	"		Lab
1054	McCurdy, Elizabeth	Secretary		230
1049	McGinnis, T.	Shop		Shop
1049	McNiff, T.	Shop		Shop
1049	Megson, C. A.	Shop		Shop
1050	Mason, W. A.	Research Associate	(Drafting)	Lab
1050	Myers, Vera (Mrs.)	Drawing File		Lab
1050	Morehouse, G. D.	Research Associate		Lab
1043-1044	Morgan, Marjory	Secretary		201
1045	Morse, Beulah	"		203
1041-1042	Mudge, Elizabeth	"		201
1046	Oliphant, C. W.	Research Associate		206
1045	Otis, Charles	"		223
1048	Overacker, H. E.	"		223
1052	Palmer, J. A.	Guard		
1049	Perkins, E. M.	Shop		Shop
1048	Pettit, J. M.	Research Associate		223
1046	Pierce, Roger J.	"		206
1046	Plotts, Ellery	"		206
1050	Powers, E. P.	Technician		Lab
1050	Raburn, Louis E.	Research Associate		Lab
1045	Raymond, Richard C.	"		203
1045	Record, Frank A.	Research Associate		204
1050	Reedy, H. Paul	"		Lab
1050	Reynolds, Donald K.	"		Lab
1050	Robinson, P. E.	Technician		Lab
1046	Ross, Beatrice	Secretary		206
1045	Salisbury, W. W.	Research Associate		203
1045	Shuler, Ellis W.	"		223
1048	Sinclair, D. B.	"		208
1049	Snell, G. F.	Shop		Shop
1048	Soderman, Robert A.	Research Associate		208

TEL. EXT.	NAME		ROOM
1050	Strong, Harvey W.	Technician	Lab
1052	Stubbs, Richard F.	Chauffeur	
1050	Sutro, P.	Research Associate	Lab
1041-1042	Terman, F. E.	Director	200
1057	Thomas, Helen (Mrs.)	Kardex	223
1049	Thoresen, T. E.	Shop	Shop
1052	Tingos, P.	Guard	
Harvard 709	Westgard, J. A.	Shop	Biol.
1049	Wilkins, A. O.	Shop Superintendent	Shop
1049	Williams, C. P.	Shop	Shop
1050	White, Warren D.	Research Associate	Lab

RESTRICTED

RADIO RESEARCH LABORATORY PERSONNEL LIST

August 15th, 1942

(This Personnel List is issued in conjunction with a Telephone List. Telephone Lists will show only name, room number, and extension number, and will be issued each month; Personnel Lists will be issued every three months.)

ACCOUNTING - Room 179, Extension 9

MacKillop, H., Department Head
Balzer, B., Secretary
Savage, R.W.

ARMY LIAISON OFFICE - Room 188, Extension 19

Air Corps - Wright, Stuart, Colonel, A.A.F.

Signal Corps - Dodge, A.O., Major, S.C.
Bagley, George, 1st Lieutenant, S.C.
Duffy, D;P., 2nd Lieutenant, S.C.

BUSINESS OFFICE - Room 173, Extension 5

Breed, N.P., Business Manager
Godsell, R.C., Secretary

CHAUFFEURS - Room 173, Extension 5

Stubbs, R.F.

DIRECTOR'S OFFICE - Room 184, Extension 1,2

Terman, F.E., Director
Mudge, E., Secretary
Davis, M.

DOCUMENT ROOM - Room 491, Extension 39

Sard, R.D.
Ladd, M.E., Secretary

DRAFTING - Room 394, Extension 31

Cushman, R.W., Department Head
Myers, V., Secretary

Adams, F.B.	Billmeyer, A.K.	Gerson, H.I.
Allen, R.	Breed, A.W.	Gwynne, H.
Barnes, F.R.	Cate, A.R.	Mason, W.A.
	Flanagan, G.M.	

FACILITIES - Room 175, Extension 7

Hagar, W.A.

GUARDS - Desk, Extension 17

O'Sullivan, G.J., Head Guard

Barry, J.J.	Caruso, J.	Tingos, P.
Bouzane, C.	Lawrence, G.C.	Whiting, E.
	Palmer, J.A.	

KARDEX - Room 175, Extension 8

Thomas, H.L., Department Head
Roelker, H. K.
Winslow, D.

LIBRARY - see "Document Room"

MESSENGERS - Room 171, Extension 47

Balzer, D.
Pratt, C.L.

NAVY LIAISON OFFICE (Bureau of Ships) - Room 186, Extension 20

Ferrier, D.T., Lieut.Commander, U.S.N. (Ret.)
Fryer, E.H., Ensign, U.S.N.R.
Lyon, R.E., Ensign, U.S.N.R.
Christensen, H., Technical Aide
Graham, M., Secretary

PERSONNEL OFFICE - Rooms 180, 182, Extension 4,3

Hickman, R. W., Associate Director
Morgan, M., Secretary
Dicus, E.

PHOTOGRAPHY - Room 392, Extension 31

Gray, Christopher
Donaldson, Paul

PLANNING - Room 491, Extension 34

Leet, L. D.
Holmes, A. L., Secretary

PROCUREMENT - Room 173, Extension 6

Cole, C.L.
McCurdy, M. E., Secretary

PURCHASING - Room 179, Extension 10,11

Gibson, F.M., Purchasing Agent
Flint, P. G., Secretary
Gray, V.A.

RECEIVING AND SHIPPING - Room 088, Extension 21

Jones, E.V., Department Head
Gaskell, J.M.

SHIPPING - see "Receiving & Shipping"

SHOP - 2nd Floor, Extension 23

Shop Office - Extension 25

Wilkins, A.O., Shop Superintendent
Perkins, E.M.

Shop Tool Room - Extension 23

Shop - Extension 23

Allen, G.H.
Angell, O.R.
Barrington, K.P.
Bates, G.
Brown, C.H.
Christensen, A.G.
Erickson, R.W.
Devonshire, H.
Langguth, C.A.
McInnis, A.
McNiff, T.
Mechem, R.C.
Megson, C.A.
Pryce, K.
Snell, G.F.
Tamm, C.E.
Thoresen, T.E.
Williams, C.P.
Williams, J.S.
Williamson, G.J.
Westgard, J.A. (South Wing - Harvard-709)

STOCKROOM - Room 594, Extension 44

Clenevert, C.C., Manager (Ext. 45)
Fogg, E. W.
Shaw, R.

TECHNICAL COORDINATION -

Chinn, H.A., Room 498, Extension 40
MacQuivey, D. R., Room 496W, Extension 41

TELEPHONE OPERATOR - Sheppard, J.

GROUP A

Room 383 - Salisbury, W.W., Group Leader
Ext. 27 Morse, B., Secretary
Raymond, R.C.

Room 390 - Eldredge, J.H.
Ext. 26 Fletcher, J.A.
Foster, J.
Holt, R.
Hulstede, G.E.
Livingood, J.J.

Room 488 - Record, F.A.
Ext. 33 Dupree, E.
Otis, C.
Powers, E.P.
Shuler, E.W.

Room 590 - Barnes, R.B. Moglund, R.
Ext. 46 Cohn, S.B. Morrice, J.B.
Duggan, J.R. Robinson, P.E.

GROUP B

Room 482 - Byrne, J.F., Group Leader
Ext. 42 Ross, I.B., Secretary
Oliphant, C.W.

Room 484 - Pierce, R.J.
Ext. 42 Crispell, H.L.

Room 490 - Kees, H. Raburn, L.E.
Ext. 43 Morehouse, G.D. Reynolds, D.K.
Strong, H.W.

GROUP C

Room 385 - Goldmark, P.C., Group Leader
Ext. 28 Plotts, E.
Reedy, P.H.

ROom 389 - Harrington, J.V.
Ext. 32 Moyer, R.

GROUP D

Room 398 - Elliott, H.F., Group Leader
Ext. 30 Sinclair, D.B., Group Leader
Pettit, J.M.
Woods, J.P.

Room 393 - Bowley, R.J. Klemm, G.H.
Ext. 29 Boynton, W.H. Lebenbaum, M.T.
Caufield, W.B. Overacker, H.E.
Soderman, R.A.

GROUP E

Room 483 - Cahill, F.C., Group Leader
Ext. 35 Villard, O.G.
Brill, E.R.

GROUP F

Room 485A - Dyer, J. N., Group Leader
Ext. 36 Gustafson, M., Secretary
White, W.D.

Room 487 - Bark, A. Kriegel, H.C.
Ext. 37 Barrett, E. McCouch, G.P.
Hughes, A.M. Sutro, P.

GROUP J - Temporary headquarters: Room 486A, Extension 36

Serrell, R., Group Leader
Pearson, P. A.
Rambo, W. R.
Silliman, R. M.

CLEANING WOMEN

Grant, T.
Shine, E.

JANITOR

Libby, W.S.

December 22, 1942

RADIO RESEARCH LABORATORY

RESTRICTED

RADIO RESEARCH LABORATORY

PERSONNEL

DIRECTOR'S OFFICE

Room 182, Extss., 1, 2, 3, 4.
Terman, F.E., Director
Hickman, R.W., Assoc. Dir.
Mudge, Elizabeth, Secty
Sweetser, Barbara, Secty
Laaff, Mrs. Marian Davis

BUSINESS OFFICE

Room 190, Ext., 5.
Breed, N.Preston, Bus. Mgr.
Godsell, Reba C., Secty.

LIAISON OFFICES

Room 188, Exts. 19, 20.
Graham, Margaret, Secty

Army Office
Air Force - Wright, Stuart, Col.
Signal Corps - Dodge, A.O. Major
Duffy, D.P., 1st Lt.

Naval Office (Bureau of Ships)
Ferrier, D.T., Lt.Com. USN (Ret.)
Christensen, H., Technical Aide
Callaghan, R.B., Lt.(jg) USNR
Doyle, W.J., Ens. USNR
Eppling, F. J., Ens. USNR
Fryer, E. M., Ens. USNR
Lyon, R.E., Ens. USNR

PERSONNEL OFFICE

Room 192, Exts. 16, 66
Harrison, W.T., Personnel Dir.
Arnold, Jeannette K., Secty
Thomas, F. Maude
Witherell, Audrey L.

PLANNING

Room 590, Exts. 69,70,71
Loet, L. Don, Department Head
Gaither, H.W. (Consultant)
Holmes, A. Louise, Secty
Dolben, Mrs. Janet B., Sect
Monroe, R. B.
Morley, H. B.
Perkins, E. M.
Schmitz, E. A.

RESEARCH GROUPS

TECHNICAL COORDINATOR

Chinn, H. A., Technical Coordinator
MacQuivey, D. R., Technical Aide,
Room 496 B, Ext. 41
Ladd, Mary Elizabeth, Secretary
Room 491, Ext. 39

GROUP A

Room 612 - Salisbury, W. W., Group Leader
Exts. 48-49, Morse, Beulah, Secty.

Research Associates

Barnes, R. B.	Holt, R. B.
Cohn, S. C.	Hulstede, G. E.
Duggan, J. R.	(Also Group J)
Dupree, E. G.	Livingood, J.J.
Eldredge, J.E.	Otis, C. F.
Hoglund, R.	Raymond, R. C.
Shuler, E. W.	

Radio Technicians

Erickson, R. J.	Kleps, E. W.
Fletcher, J.A.	Morrice, J.B.
Foster, J. S.	Norton, R.
Robinson, P.E.	

GROUP B

Room 482 - Byrne, J.F., Group Leader
Ext. 42 - Smillie, Claudia R. Secty

Research Associates

Crispell, H. L.	Oliphant, C.W.
Kees, H.	Raburn, L. E.
Morehouse, G.D.	Reynolds, D.K. (on
Pierce, R. J.	leave)

Radio Technicians

Balzer, D.	Strong, H. W.
Mayberry, L.A.	Wickles, F.J.

GROUP C

Room 383 - Goldmark, P.C., Group Leader
Ext. 30 - Gustafson, Mrs. Maryellen, Secty

Research Associates

Christensen, J.	Moyer, R. B.
Plotts, E. L.	Reedy, P. H.

RESTRICTED

RADIO RESEARCH LABORATORY

RESTRICTED

GROUP C (Continued)

Radio Technicians

Wilson, V. P. Barron, Arthur
Helper
Horner, Grace L.

GROUP D

Room 398 - Sinclair, D.B., Leader
Ext. 30 - Gustafson, Mrs. Maryellen, Secretary

Research Associates

Bowley, R.J. Montgomery, P.
Caufield, W.B. Overacker, H.E.
Clark, C. B. Pettit, J. M.
Klemm, G. H. Soderman, R. A.
Lebenbaum, M.T. (on leave) Woods, J. P.

Radio Technicians

Boynton, W.H. Eames, G. H.

GROUP E

Room 713 - Ext. 67, Cahill, F.C., Group Leader
Ext. 57 - Gerrie, Elizabeth, Secty

Research Associates

Brill, E. R. Villard, O.G.

Radio Technicians

Ashus, A. Towle, M. L.

GROUP F

Room 607 - Ext. 51, Dyer, J. N. Group Leader
Ext. 49 - Morse, B., Secty

Research Associates

Bark, A. Kriegel, H. C.
Barrett, E. McCouch, G. P.
White, W.D. Yunker, E.A.

Radio Technicians

Avery, R. E. Clark, J. L.
Turner, A. T.

GROUP J

Room 714 - Ext. 56, Serrell, R., Leader
Ext. 56 - Gerrie, Elizabeth, Secty

Research Associates

Daniell, C. M. Pearsen, P. A.
Hughes, A. M. Rambo, W. R.
Hulstede, G. (also Group A.) Silliman, R. M.
Leonchick, W. Stephenson, J.G.
Sutro, P. (Also theoretical group)

Radio Technician

Pride, Donald W.

GROUP K

Room 485 - Ext. 36, Cullum, E.A., Group Leader
Ext. 42 - Smillie, Claudia R., Secty

Research Associate

Peterson, D. A.

GROUP L

Room 713 - Ext. 68, Farley, W.W., Leader
Ext. 56 - Gerrie, Elizabeth, Secty

Research Associates

Granger, J.V.N. Record, F. A.
Woodruff, J. H.

Radio Technician

Powers, E.P.

THEORETICAL GROUP

Room 481, Ext. 35
Van Vleck, J.H.
Middleton, D.
Steinberg, M.

Room 496A, Ext. 12
Chu, L. J.
Fubini, E.
Sutro, P.

RESTRICTED

AIRPORT

East Boston - Direct Wire, Ext. 15
Christensen, Harold
Sutherlen, George
Delagrange, A. J., Foreman
Forte, F., Mechanic
Oleszewski, F.F., Mechanic
McInnis, A., Machinist
Bearse, D., Janitor

Shaw, T.M., In charge, men assigned to groups
Flanagan, G.M.
Barnes, F. R.

Elliott, H.F., Mechanical Consultant,
Room 398 - Ext. 30.

Malles, R., Mechanical Designer,
Room 385 - Ext. 28

ACCOUNTING

Room 176-177, Ext. 9
MacKillop, H., Department Head
Balzer, Barbara, Secty
Savage, R. W., Bookkeeper
Drysdale, Rita
Martin, Emily E.

BUILDING OPERATIONS

Room 175, Ext. 7, 24
Brooks, E.D., Jr.
Hagar, W.A., Facilities and Maintenance
Parker, Mrs. Bernice, Secty

DISPATCHER

Room 086, Ext. 47.
Reynolds, J. E., Dispatcher

Messengers
O'Neill, Margaret
Jellison, Ann
Moran, Mrs. Phyllis

Chauffeurs
Stubbs, R.
Chase, B.
Foster, P.

DOCUMENT ROOM

Room 491, Ext. 39
Sard, R.C., In Charge
Ladd, Mary Elizabeth, Libr'n
Ilsley, Myrtle

DRAFTING & MECHANICAL DESIGN

Room 394, Ext. 31
Manning, Mrs. Charlotte, Secty
Johnston, Georgiana, Clerk

Cushman, R.W., in charge, Drafting Room
Adams, F. P.
Allen, R.
Breed, A.W.
Cate, A.R.
Gerson, H.I.
Gwynne, H.
Stubbins, H.
Shaw, R.

ELEVATOR OPERATOR

Bowden, Cecil

GUARDS

Desk, Ext. 17 (and Airport - Ext.15)
O'Sullivan, G. J., Head Guard

Barry, J.J.(Airport)
Brennan, J.J.
Bouzane, C.
Butler, C.M.
Coyne, W.D.(Airport)
Donahue, J.J.(Airport)
Hart, A. (Airport)
Fitzgerald, J.J. "
Lawrence, G.C.
Litch, J.H.(Airport)
Martone, V.(Airport)
Palmer, J. A.
O'Neill, M.J.
Sawyer, E. A.
Tingos, P.
Whiting, E.(Airport)

JANITORS & CLEANING WOMEN

Davin, W.J.
Bearse, D.H.(Airport)
Cutter, T. E.
Kelly, C.A.
Libby, W.S.
Grant, Mrs. T.
Dumphy, Mrs. A.F.
Kelly, Mrs. G.
Shine, Mrs. E.

KARDEX

Room 5, Ext. 8
Thomas, Mrs. H.L., Department Head
Martin, Mrs. Hulda
Roelker, Helen K.
Sanderson, Helen

PHOTOGRAPHY

Room 381, Ext. 64.
Gray, Christopher, Department Head
Donaldson, P.
Vondermuhll, Valerie

PROCUREMENT (Expediting)

Room 173, Ext. 6, 46, 65
Cole, C.L., Department Head
Corson, Mrs. H. Anita, Secty
Cooke, L. S.

PURCHASING

Room 179, Exts. 10, 11, 12
Gibson, F.M., Purchasing Agent
Flint, Mrs. Persis, Secty
Gill, J. A.
Gray, Virginia A.
Doyle, Mary H.

RECEIVING AND SHIPPING

Room 088, Ext. 21
Jones, E. V. — Cail, W.V.
Crockett, E.

SALVAGE

Room 602, Ext. 50
Trauger, Mrs. M. S.

SHOPS - MACHINE SHOP

Room 290, Ext. 25
Wilkins, A.O., Superintendent
Williams, C.P., Foreman
Tamm, E.C., Tool and Stock Supervisor
Jackson, Margaret S., Secty

Day Shift

Tool Room, Ext. 23 - Dean, Frances
Sheet Metal -
Barrington, K.P. — Devonshire, H.
Mechem, R.
Carpenter - Arnold, Neal H.
Engraver - McIlwraith, Mollie
Stock - Hickey, H.N. — Gallagher, B.A.
Maher, J.J.

Machinists
Angell, Otis R. — Crum, K. L.
Bates, Gerard — D'Addario, M.J.
Brown, C. H. — Erickson, R.
Brown, H. C. — Farnum, A.
Bachand, L. — Hersey, Paul
Bonelli, C.W. — Langguth, C.A.

Machinists (Continued)
McNiff, T. J. — Westgard, J.A. (Biol. Bldg.)
Snell, G. — Williams, J.S.
Thoresen, T.E. — Williamson, G.
Upton, Miss L.B. — Yule, J.

Machinist Trainees
Deane, Shirley — Hite, Mrs. F. M.
Grow, Frances — Lawson, Nancy S.
Hinch, Virginia H. — Lincoln, Emily A.
Wellington, Margery

Night Shift

Foreman - Weber, Emil
Sheet Metal - Doyle, W.
Tool Room - Williams, Joseph R.
Machinists
Bent, L. T. — Philbrick, E.
Christensen, A. — Selander, K.
Johnson, W. — Watson, E.

SHOP - CARPENTER SHOP

Room 096, Ext. 22 ring 1
Hart, F. R.
Vigliotti, L.H.

STOCKROOM

Room 594, Exts. 44, 46
Chenevert, C.C., Manager
Fogg, E. W.
Crowley, Matilda — Dacey, Mrs. S.M.
Donovan, J. R. — McHugh, J.F.
Gallant, Mrs. H.C. — Reid, Mrs. M. B.

TELEGRAMS

Room 179, Ext. 62
Doyle, Mary H.

TELEPHONE SWITCHBOARD

Sheppard, Josephine, Head Operator
Vincent, Frances, Relief Operator
Cady, J. C., Night Operator

February 3, 1943

RADIO RESEARCH LABORATORY

RESTRICTED

PERSONNEL LIST

N.D.R.C., Division 15

Dr. C.G. Suits, Chairman
Black, K. C.
DuBridge, L. A.
Jolliffe, C. B.
Terman, F. E.

DIRECTOR'S OFFICE
Room 182
Terman, F.E.,Director
Hickman, R.W., Assoc. Dir.
Mudge, Elizabeth, Secty
Sweetser, Barbara, Secty
Rhodes, Mary H.

BUSINESS OFFICE
Room 190
Breed, N. P., Bus. Mgr.
Turner, Louise, Secty

LIAISON OFFICES
Room 188
Army Office
Air Force -Wright,Stuart,Col.
ARL - Bennett, W. H., Major
Signal Corps - Dodge,A.O.,Major
Duffy,D.P.,1st Lt.
Clark, Shirley L.,Secty
Naval Office (Bureau of Ships)
Ferrier, D.T., Lt.Com.,USN (Ret.)
Christensen,H., Technical Aide
Callaghan, R.B.,Lt.(jg) USNR
Doyle, W.J.,Ens. USNR
Eppling, F. J., Ens. USNR
Fryer, E. M., Ens. USNR
Lyon, R.E., Ens. USNR
Martin,R.D.,Lt. Cem.
Graham, Margaret N.,Secty

PERSONNEL OFFICE
Room 194
Harrison, W.T., Personnel Dir.
Arnold, Jeannette K.,Secty
Thomas, F. Maude
Dolben, Janet B.

PLANNING
Room 590
Loet, L. Don, Department Head
Holmes, A. Louise, Secty
Witherell, Audrey L. Secty
MacQuivey, D. R.
Monroe, R. B.

Planning (continued)
Morley, H.B.
Perkins, E. M.
Schmitz, E.A.

RESEARCH GROUPS

TECHNICAL COORDINATOR
Chinn, H. A., Technical Coordinator,Room 498
Ladd, Mary Elizabeth, Secty. Room 491

GROUP A
Room 612 - Salisbury, W.W., Group Leader
Morse, Beulah, Secty

Research Associates

Barnes, R. B.	Hulsteds,G. E. (Also Group J)
Cohn, S. C.	
Duggan, J. R.	Livingood, J.J.
Dupree, E. G.	Otis, C. F.
Eldredge, J. H.	Raymond, R. C.
Hoglund, R.	Shuler, E. W.
Holt, R. B.	Welch, E. S.,Jr.

Radio Technicians

Boedry, G. E.	Klops, E. W.
Burd, E. D.	Morrice, J. B.
Erickson, R. J.	Norton, R.
Foster, J. S.,Jr.	O'Neill, H. T.
	Robinson, P. E.

GROUP B
Room 482 - Byrne, J.F., Group Leader
Smillie, Claudia R.,Secty

Research Associates

Crispell, H.L.	Oliphant, C. W.
Kees, Harvey	Pierce, R. J.
Morehouse,G. D.	Raburn, L. E.
Reynolds, D. K. (on leave)	

Radio Technicians

Mayberry, L. A.	Strong, H. W.
Wickles, F. J.	

WTH:ja

RESTRICTED

RESTRICTED

GROUP C

Room 383 - Goldmark, P.C., Group Leader
Gustafson, Mrs. Maryellen, Secty

Research Associates
Christensen, J. — Loomis, C. C.
Moyer, R. C. — Plotts, E. L.
Reedy, P. H.

Radio Technicians
Barron, A. J. — Wilson, V. P.

Helper
Horner, Grace L.

GROUP D

Room 398 - Sinclair, D. B., Group Leader
Gustafson, Mrs. Maryellen, Secty

Research Associates
Bowley, R. J. — Lebenbaum, M. T. (on leave)
Caufield, W. B. — Overacker, H. E.
Clark, C. B. — Pettit, J. M.
Klemm, G. H. — Woods, J. P.
Soderman, R. A.

Radio Technicians
Boynton, W. H. — Eames, G. H.

GROUP E

Room 713 - Cahill, F.C., Group Leader
Gerrie, Elizabeth, Secty

Research Associates
Brill, E. R. — Pan, W. Y.
Hughes, A. M. — Villard, O. G.

Radio Technicians
Ashus, A. — Towle, M. L.

GROUP F

Room 607 - Dyer, J. N., Group Leader
Morse, Beulah, Secretary

Research Associates
Bark, A. — Kriegel, H. C.
Barrett, E. — McCouch, G. P.
White, W. D. — Yunker, E. A.

Radio Technicians
Avery, R. E. — Clark, J. L.
Turner, A. T.

GROUP H

Room 602 - Cobine, J. D., Group Leader

Research Associates
Gallagher, C. J. — Lusted, L. B.

GROUP J

Room 714 - Serrell, R., Group Leader
Gerrie, Elizabeth, Secty

Research Associates
Daniell, C. M. — Pearson, P. A.
Hulstede, G. (also Group A) — Rambo, W. R.
Leonchick, W. — Silliman, R. M.
Sutro, P. J. — Stephenson, J.G.

Radio Technician
Pride, Donald W.

GROUP K

Room 496 B - Cullum, E.A., Group Leader
Smillie, Claudia R., Secty

Research Associate
Peterson, D. A. (Room 485)

GROUP L

Room 713 - Farley, W. W., Group Leader
Gerrie, Elizabeth, Secty

Research Associates
Granger, J.V.N. — Record, F. A.
Woodruff, J. H.

Radio Technician
Powers, E.P.

GROUP M

Room 485 - Taylor, D. W., Group Leader

THEORETICAL GROUP

Rooms 481 & 496A - Van Vleck, J.H., Group Leader

Research Associates
Fubini, E. — Steinberg, M.
Middleton, D. — Whipple, F. L.

CONSULTANTS

Boring, E. G. — Gaither, H. W.
Chu, L. J. — Peterson, A.P.G.

WTH:ja

RESTRICTED

AIRPORT

East Boston - Direct Wire
Christensen, Harold
Sutherlen, G.
Delagrange, A.J., Foreman
McInnis, A., Machinist
Oleszewski, F.F., Mechanic
Bearse, D., Janitor

ACCOUNTING
Rooms 176-177
MacKillop, H., Department Head
Balzer, Barbara, Secty
Savage, R. W., Bookkeeper
Anderson, Julia C.
Drysdale, Rita
Martin, Emily E.

BUILDING OPERATIONS
Room 175
Brooks, E. D., Jr.
Hagar, W.A., Facilities and Maintenance
Parker, Mrs. Bernice, Secretary

DISPATCHER
Room 086
Reynolds, J. E., Dispatcher
Jones, Mrs. Pauline, Secretary

Messengers
Corliss, Mary B.
Jellison, Ann
O'Neill, Margaret

Chauffeurs
Chase, B.
Stubbs, R.

DOCUMENT ROOM
Room 491
Sard, R. C., In charge
Ladd, Mary Elizabeth, Librarian
Desjardins, Jean, Secty
Cook, Elizabeth, Secty

DRAFTING AND MECHANICAL DESIGN
Room 394
Manning, Mrs. Charlotte, Secty
Johnston, Georgiana, Clerk
Cushman, R. W., in charge, Drafting Room

Adams, F. P.
Allen, R.
Breed, A.W.
Cate, A. R.
Eck, Mrs. F.J.
Fulkerson, C.
Gerson, H. I.
Gwynne, H.
Lapidas, M.
Putnam, W. E.
Stubbins, H.
Shaw, R.
Wylde, C. I.
Vuilleumier, O.

Shaw, T.M., in charge, men assigned to groups
Barnes, F. R.

Elliott, H. F., Mechanical Consultant, Room 398

Malles, R., Mechanical Designer, Room 386

ELEVATOR OPERATOR

Bowden, Cecil

GUARDS
Desk and Airport
Sawyer, A. E., Head Guard

Barry, J.J.(Airport)
Brennan, J. J.
Bouzane, C.
Butler, C. M.
Coyne, W.D.(Airport)
Donahue, J.J.(Airport)
Hart, A. (Airport)
Fitzgerald, J. J. "
Frost, H.P.(Airport)
Lawrence, G. C.
Litch, J.H.(Airport)
Martone, V.(Airport)
O'Neill, M. J.
Palmer, J. A.
Patenaude, P.
Whiting, E.(Airport)

JANITORS & CLEANING WOMEN

Davin, W. J.
Bearse, D.H.(Airport)
Cutter, T. E.
Kelly, C. A.
Libby, W. S.
Grant, Mrs. T.
Dumphy, Mrs. A.F.
Kelly, Mrs. G.
Shine, Mrs. E.

KARDEX

Room 592 - Thomas, Mrs. H.L., Dept. Head
Martin, Mrs. Hulda T.
Raymond, Ruth E.
Roelker, Helen K.
Hoffman, Mrs. Lillian

PHOTOGRAPHY

Room 381 - Gray, C., Department Head
Donaldson, P. H.
Vondermuhll, Valerie

PROCUREMENT (Expediting)

Room 173 - Cole, C.L., Department Head
Corson, Mrs. H. Anita, Secty
Cooke, L. S.
Leaff, Mrs. Marian D., Secty
Goodwin, Dorothea

WTH:ja

PURCHASING

Room 179 - Gibson, F.M., Purchasing Agent
Gray, Virginia A., Secty
Gill, J. A.
Taft, F. W.
Doyle, Mary Helen
Potter, Mrs. Ann F.

RECEIVING AND SHIPPING

Room 088 - Jones, E. V., Dept. Head
Cail, W. V.
Oleson, C. K.

SALVAGE

Room 594
Donovan, J. R.

SHOPS - MACHINE SHOP

Room 290 - Wilkins, A. O., Supt.
Jackson, Margaret S., Secty
Williams, C. P., Foreman
Tamm, E.C., Tool and Stock Supervisor

DAY SHIFT

Tool Room - Dean, Frances
Sheet Metal -
Barrington, K.P.
Devonshire, H.
Mechem, R.
Carpenter - Arnold, Neal H.
Engraver - McIlwraith, Mollie
Blueprint Supervisor - Dobbrow, K.W.
Stock -
Hickey, H.N.
Maher, J. J.

Machinists

Angell, Otis R.
Bates, Gerard
Brown, C. H.
Brown, H. C.
Bachand, L.
Bonelli, C. W.
Crum, K. L.
D'addario, M.J.
Erickson, R.
Farnum, A.
Paine, F.W.
Hersey, Paul
Langguth, C. A.
Snell, G.
Thoresen, T.E.
Upton, Miss L.B.
Westgard, J.A. (Biol. Bldg.)
Williams, J. S.
Williamson, G.
Yule, J.

Machinist Trainees

Deane, Shirley
Grow, Frances
Hinch, Virginia H.
Hite, Mrs. F. M.
Lawson, Nancy S.
Lincoln, Emily A.
Wellington, Margery

NIGHT SHIFT

Foreman - Weber, Emil
Sheet Metal - Doyle, W.
Tool Room - Williams, J. R.

Machinists

Bent, L. T.
Christensen, A.
Johnson, W.
Smith, N.L.
Philbrick, E.
Selander, K.
Watson, E.

SHOP - CARPENTER SHOP

Room 096
Hart, F. R., Jr.
Vigliotti, L. H., Jr.

STATISTICIAN

Room 176
Rowe, Sargent S.

STOCKROOM

Room 594 - Chenevert, C. C., Manager
Fogg, E. W.
Crowley, Matilda
Dacey, Mrs. S. M.
Gallant, Mrs. H. O.
McHugh, J. F.
Moran, Mrs. P.L.
Reid, Mrs. M.B.

TELEGRAMS

Room 179
Potter, Mrs. Ann F.

TELEPHONE SWITCHBOARD

Beck, Marie E.
Power, Loretta M.
Vincent, Frances, Relief Operator
Cady, J. C., Night Operator

WTH:ja

Dr Terman

RESTRICTED

March 1, 1943

PERSONNEL LIST

N. D. R. C., Division 15

Dr. C. G. Suits, Chairman
K. C. Black
L. A. DuBridge
C. B. Jolliffe
F. E. Terman

R A D I O R E S E A R C H L A B O R A T O R Y

DIRECTOR'S OFFICE Room 182	Terman, F.E., Director Hickman, R.W., Assoc. Director	Mudge, Elizabeth, Sec'y Sweetser, Barbara, Sec'y Rhodes, Mary H.
BUSINESS OFFICE Room 190	Breed, N.P., Business Manager	Turner, Louise, Sec'y
LIAISON OFFICE Rooms 186 188	Army Office Air Force - Wright, Stuart, Col. A. R. L. - Bennett, W.H., Major Signal Corps - Dodge, A.O., Major Duffy, D.P., 1st.Lt. Bagley, G.D., Capt.	Clark, Shirley L., Sec'y
	Naval Office (Bureau of Ships) Ferrier, D.T., Lt.Com., U.S.N.Ret. Martin, R.D., Lt.Com., U.S.N. Eppling, F.J., Ens., U.S.N.R. Fryer, E.M., Ens., U.S.N.R. Lyon, R.E., Ens., U.S.N.R.	Graham, Margaret N., Sec'y
PERSONNEL OFFICE Room 194	Harrison, W.T., Personnel Dir.	Arnold, Jeannette, Sec'y Thomas, F.Maude, Sec'y Hale, Mrs. Miriam Dolben, Janet B.
PLANNING Room 590	Leet, L.Don, Department Head Monroe, R.B. MacQuivey, D.R. Perkins, E.M. Morley, H.B. Bradley, R.F. Schmitz, E.A.	Holmes, A.Louise, Sec'y Witherell, Audrey L., Sec'y

RESTRICTED

RESTRICTED

RESEARCH GROUPS

TECHNICAL COORDINATORS

Chinn, H. A., Room 498
~~Cullum, A.Earl,Jr.,Room 496B~~

Cook, Elizabeth, Sec'y

GROUP A
Room 612

Salisbury, W.W.,Group Leader
Barnes, R. B.
Cohn, S. C.
Dow, Wm. C.
Duggan, J. R.
Dupree, E. G.
Eldredge, J. H.
Hoglund, R.
Holt, R. B.
Hulstede, G.E. (Also Group J)
Livingood, J. J.
Otis, C. F.
Raymond, R. C.
Shuler, E. W.
Turnbull, J. C.
Welch, E. S., Jr.
Yakutis, Anthony

Morse, Beulah, Sec'y

RADIO TECHNICIANS

Boodry, O.E.
Burd, E.D.
Erickson, R.J.
Foster, J.S.,Jr.
Kleps, E.W.
Morrice, J.B.
Norton, R.
O'Neill, H.T.,Jr.
Parker, O.W.
Robinson, P.E.

GROUP B
Room 482

Byrne, J. F., Group Leader
~~Crispell, H. L.~~
Kees, Harvey
Morehouse, G. D.
Oliphant, C. W.
~~Pierce, R. J.~~
Raburn, L. E.
Reynolds, D. K. (on leave)
Amadeus Rheiger ?

Smillie,Claudia R.,Sec'y

RADIO TECHNICIANS

Aims, B.P.
Mayberry, L.A.
Wickles, F.J.
Eldridge
Pantages
Hurley Evans ?

GROUP C
Room 383

Goldmark, P. C., Group Leader
Christensen, J. W.
Granger, J. V. N.
Loomis, C. C.
Moyer, R. C.
Plotts, E. L.
Reedy, P. H.

Gustafson,Mrs.M.,Sec'y

RADIO TECHNICIANS

Barron, A.J.
Corbin, P. M.

HELPER

Horner, Grace L.

RESTRICTED

GROUP D
Room 398

Sinclair, D. B., Group Leader
Bowley, R. J.
Caufield, W. B.
Clark, C. B.
Kamphoefner, F. J.
Klemm, G. H.
Lebenbaum, M. T.(on leave)
Overacker, H. E.
Pettit, J. M.
Soderman, R. A.
Woods, J. P.

Gustafson,Mrs.M.,Sec'y

RADIO TECHNICIANS

Boynton, W.H.
Eames, G.H.

GROUP E
Room 713

Cahill, F. C., Group Leader
Brill, E. R.
Hughes, A. M.
Kaisel, S. F.
O'Brien, R. S.
Pan, W. Y.
Scheuch, Don R.
Villard, O. G.

Gerrie, Elizabeth, Sec'y

RADIO TECHNICIANS

Ashus, A.
Towle, M.L.

GROUP F
Room 607

Dyer, J. N., Group Leader
Bark, A.
Barrett, E.
Kriegel, H. C.
Lusted, L. B.
White, W. D.
Yunker, E.A.

Morse, Beulah, Sec'y

RADIO TECHNICIANS

Avery, R.E.
Clark, J.L.
Turner, A.T.

GROUP G
Rooms 481
496A

Van Vleck, J. H., Group Leader
Fubini, E.
Middleton, D.
Steinberg, M.
Whipple, F. L.

GROUP H
Room 602

Cobine, J. D., Group Leader
Gallagher, C. J.
McCouch, G. P.

GROUP J
Room 714

Serrell, R., Group Leader
Daniell, C. M.
Hulstede, G. (Also Group A)
~~Leonchick, W.~~
Pearson, P. A.
Rambo, W. R.
Silliman, R. M.
Slocum, Lois T.
Stephenson, J. G.
Sutro, P. J.

Gerrie, Elizabeth, Sec'y

RADIO TECHNICIAN

Pride, Donald W.

RESTRICTED

GROUP K
Room 485

Taylor, D. W., Group Leader
Peterson, D. A., Co-leader
Deakins, O. E.

Smillie, Claudia R., Sec'y

RADIO TECHNICIAN

Wilson, V.P.

GROUP L
Room 713

Farley, W. W., Group Leader
Kell, R. E.
Record, F. A.
Woodruff, J. H.

Gerrie, Elizabeth, Sec'y

RADIO TECHNICIAN

Powers, E. P.

CONSULTANTS

Boring, E. G.
Chu, L. J.
Gaither, H. R.
Goudsmit, S. A.
Lawson, J. L.
Peterson, A. P. G.

AIRPORT
East Boston

Sutherlen, C.
Strong, H. W., Radio Technician

Bearse, D., Janitor
McInnis, A., Machinist

ACCOUNTING
Rooms 176-177

MacKillop, N., Department Head
Savage, R. W., Bookkeeper

Balzer, Barbara, Sec'y
Anderson, Julia C.
Drysdale, Rita
Martin, Emily E.

Parker, Mrs. Bernice, Sec'y

BUILDING OPERATIONS
Room 175

Brooks, E. D., Jr.
Hagar, W. A., Facilities and Maintenance

CARPENTER SHOP
Room 096

Hart, F. R., Jr.
Vigliotti, L. H., Jr.

DISPATCHER
Room 086

Reynolds, J. E., Dispatcher

Messengers
Corliss, Mary B.
O'Neill, Margaret
Powers, Ruth M.

Jones, Mrs. Pauline, Sec'y

Chauffeurs
Chase, B.
Chase, Mrs. K. E.
Stubbs, R.

DOCUMENT ROOM
Room 491

Sard, R. C., In Charge
Ladd, Mary Elizabeth, Librarian

Desjardins, Jean, Sec'y
Ward, Barbara C.
Jellison, Ann

DRAFTING AND MECHANICAL DESIGN
Room 398
Room 385

Elliott, H. F., Mechanical Consultant

Gustafson, Mrs. M., Sec'y

Malles, R., Mechanical Designer
Gundlach, H. F.
Shaw, T. M., In Charge, men assigned to groups
Barnes, F. R.
Lapidas, M.

Room 394

Cushman, R. W., In Charge Drafting Room
Adams, F. P.
Allen, R.
Bradt, H. G.
Breed, A. W.
Cate, A. R.
Eck, Mrs. Florence J.
Fulkerson, C.
Gerson, H. I.
Gwynne, H.
Putnam, W. E.
Stubbins, H.
Shaw, R.
Wylde, C. I.
Vuilleumier, Olivia

Manning, Mrs. Charlotte, Sec'y
Johnston, Georgiana, Clerk

19.

ELEVATOR OPERATOR

Bowden, Cecil

RESTRICTED

GUARDS Desk and Airport	Sawyer, A. E., Head Guard Barry, J. J. (Airport) Bent, H. R. Bouzane, C. Brennan, J. J. Coyne, M. D. (Airport) Donahue, J. J. Fitzgerald, J. J. Frost, H. P. (Airport)	Hart, A. (Airport) Hubbard, D. B. Lawrence, G. C. Litch, J.H. (Airport) Martone, V. (Airport) O'Neill, M. J. Palmer, J. A. Spalding, W.F.(Airport) Whiting, E. (Airport)
JANITORS AND CLEANING WOMEN	Janitors Hearse, D. H. (Airport) Cutter, T. E. Davin, W. J. Kelly, C. A. Libby, W. S.	Cleaning Women Dumphy, Mrs. A. F. Grant, Mrs. T. Shine, Mrs. E. Rynne, Mrs. Delia
KARDEX Room 592	Thomas, Mrs.H.L.,Dept.Head Hoffman, Mrs. Lillian Martin, Mrs. Hulda T. Raymond, Ruth E. Roelker, Helen K.	
PHOTOGRAPHY Room 381	Gray, C., Department Head Donaldson, P. H. Friedman, Robert S. Vondermuhll, Valerie	
PROCUREMENT (Expediting) Room 173	Cole, C. L., Department Head Cooke, L. S.	Corson, Mrs.H.Anita,Sec'y Laaff, Mrs.Marian D.,Sec'y Goodwin, Dorothea
PURCHASING Room 179	Gibson, F.M.,Purchasing Agent Gill, J. A. Taft, F. W.	Gray,Virginia A.,Sec'y Doyle, Mary Helen Potter, Mrs. Ann F.
RECEIVING AND SHIPPING	Jones, E. V., Dept.Head Call, W. V. Oleson, C. K.	
SALVAGE Room 594	Donovan, J. R.	

RESTRICTED

RESTRICTED

MACHINE SHOP
Room 290

Wilkins, A. O., Supt.
Williams, C. P., Foreman
Tamm, E. C., Tool and Stock Supervisor

Day Shift

Arnold, Neal H., Carpenter
Barrington, K. P. Sheet Metal
Dean, Frances, Plating
Devonshire, H., Sheet Metal
Dobbrow, K. W., Blueprints
Gillespie, J. L., Foreman's Helper
Hersey, Paul, Plating & Foundry
Maher, J. J., Stock
McIlwraith, Mollie, Engraver
Mechem, R., Sheet Metal

Machinists

Angell, Otis R.
Bachand, L.
Bates, Gerard
Bonelli, C. W.
Brown, C. H.
Brown, H. C.
Crum, K. L.
D'Addario, M. J.
Erickson, R.
Farnum, A.
Horne. S. L.
Langguth, C. A.
Paine, F. W.
Selander, K.
Snell, G.
Thoresen, T. E.
Upton, Miss L. B.
Westgard, J. A. (Biol.Bldg.)
Williams, J. S.
Williamson, G.
Yule, J.

Machinist Trainees

Deane, Shirley
Grow, Frances
Hinch, Virginia H.
Hite, Mrs. F. M.
Lawson, Nancy S.
Lincoln, Emily A.
Wellington, Margery

Jackson, Margaret S., Sec'y

Night Shift

Weber, Emil, Foreman
Doyle, W., Sheet Metal
Williams, J.R., Tool Room

Machinists

Bent, L. T.
Christensen, A.
Johnson, W.
Morris, R. D.
Philbrick, E.
Smith, N. L.
Stoddard, J. E.
Watson, E.

STATISTICIAN Room 176	Rowe, Sargent S.	
STOCKROOM Room 594	Chenevert, C. C., Manager Fogg, E. W.	Crowley, Matilda Dacey, Mrs. S. M. Callant, Mrs. H. O. Moran, Mrs. P. L. Reid, Mrs. M. B.
TELEGRAMS Room 179	Potter, Mrs. Ann F.	
TELEPHONE SWITCHBOARD	Beck, Marie E. Power, Loretta M. Vincent, Frances, Relief Operator Kelly, Mrs. C., Night Operator	

WTH:jbd

N. D. R. C.
DIVISION 15

Dr. C. G. Suits, Chairman
K. C. Black
L. A. DuBridge
C. B. Jolliffe
F. E. Terman

R A D I O R E S E A R C H L A B O R A T O R Y

DIRECTOR'S OFFICE
Room 182

Terman, F. E., Director
Hickman, R. W., Assoc. Director

Mudge, Elizabeth, Sec'y.
Sweetser, Barbara, Sec'y.
Rhodes, Mary H.

BUSINESS OFFICE
Room 190

Breed, N. P., Business Manager
Pendergrast, C. F. (Florosa Station)

Turner, Louise, Sec'y.

LIAISON OFFICE
Room 186
188

Clark, Shirley L., Sec'y.

Army Office

Air Force - Wright, Stuart, Col.
Summers, I.A., 1st Lt.
A.R.L. - Bennett, W.H., Major
Signal Corps - Dodge, A.O., Major
Bowley, R.J., Capt.
Duffy, D.P., 1st Lt.
Abbott, C.E., 1st Lt.

Navy Liaison Office

Graham, Margaret N., Sec'y.

Ferrier, D.T., Lt.Com., USN (Ret.)
Bly, R.T., Lt., USNR
Christensen, Harold, Lt.Com., USNR
Eppling, F.J., Ens., USNR
Fryer, E.M., Lt. (jg) USNR
Himes, R.H., Ens., USNR
Lyon, R.E., Lt. (jg) USNR
Mains, MacDonald C., USNR (Ret.)

PERSONNEL OFFICE
Room 194

Harrison, W. T., Personnel Director
Hotchkiss, Eugene B.

Lenham, Mrs. Ann, Sec'y.
Biel, Jean, Sec'y.
Thomas, F. Maude, Sec'y.
Hale, Mrs. Miriam

TRANSITION
Room 496A

Cullum, A.E., Division Head
Leet, L.D., Asst. Division Head

Witherell, Audrey, Sec'y.
Norton, Ruth W., Sec'y.

Cullum, A.E., Liaison with Services
Leet, L.D., NDRC, OSRD, RCC, & Radiation Liaison
Flynn, R.M., Manufacturing Liaison
MacQuivey, D.R., RRL Liaison
Ross, C.C., Manufacturing Liaison
Villard, O. G. (Part Time) Special Projects

RESEARCH GROUPS

TECHNICAL COORDINATOR
Room 498

Chinn, H.A.

Cook, Elizabeth, Sec'y.

GROUP "A"
Rooms 612, 616, 076

Salisbury, W.W., Group Leader and Coordinator, Groups A, Q and R

Morse, Beulah, Sec'y.

Dow, W.G.
Dupree, E.G.
Livingood, J.J.
Ohlsson, R.L.
Otis, C.F.
Record, F.A.
Shuler, E.W.
Turnbull, J.C.
Welch, E.S., Jr.

Radio Technicians
Hawes, A.R.
Morrice, J.B.
Parker, G.W.
Robinson, P.E.

GROUP "Q"
Rooms 606, 610

Hulsteds, G.E., Group Leader
Buss, R.R.
Hoglund, R.
Rambo, W. P.
Stephenson, J. G.
Yakutis, Anthony

Morse, Beulah, Sec'y.

Radio Technicians
Kleps, E.W.
Norton, R.

GROUP "R"
Rooms 614, 618

Raymond, R. C., Group Leader
Cohn, S.B.
Duggan, J. R.
~~Eldredge, J.H.~~
Holt, R. B.
Johnson, R.E.
Pearson, P.A.

Morse, Beulah, Sec'y.

Radio Technicians
Boodry, G.E.
Burd, E.D.
Ericksen, R.J.
Foster, J.S., Jr.
O'Neill, H.T., Jr.

GROUP "B"
Room 704

Byrne, J.F., Group Leader
Caraway, J.B., Jr.
Crispell, H.L.
Kees, Harvey
Morehouse, G. D.
Raburn, L.E.
Reynolds, D.K.

Smillie, Claudia R., Sec'y.

Radio Technicians
Aims, B.P.
Wickles, F.J.

GROUP "C"
Room 481

Goldmark, P.C., Group Leader
Christensen, J.W.
Granger, J.V.N.
Hatch, R.M.
Loomis, C.C.
Moyer, R.C.
Reedy, P.H.
Wedel, J.J., Jr.

White, Shirlee L.

Radio Technicians
Barron, A.J.
Corbin, P.M.
Horner, Grace L.

GROUP "D"
Room 398

Sinclair, D.B., Group Leader
Caufield, W.B.
Clark, C.B.
Kamphoefner, F.J.
Kleum, G.H.
Lebenbaum, M.T.
Overacker, H.E.
Pettit, J.M. (Acting Group Leader)
Soderman, R.A.
Whitby, O.W.
Woods, J.P.

Horton, Mrs. Rosemary, Sec'y.

Radio Technicians
Bain, R. K.
Boynton, W.H.
Eames, A.M.
Grant, L.E.

GROUP "E"
Room 713

Cahill, F.C., Group Leader
Brill, E.R.
Cowan, F.P.
Kaisel, S.F.
O'Brien, R.S.
Pan, W.Y.
Scheuch, D.R.
Villard, O.G. (Part time)

Dolben, Mrs. Janet, Sec'y.

Radio Technicians
Ashus, A.
Towle, M.L.

GROUP "F"
Room 607

Dyer, J.N., Group Leader
Bark, A.
Barrett, E.
Kriegel, H.C.
Lusted, L.B.
Steigerwalt, O.
White, W.D.
Yunker, E.A.

Fenn, Eva, Sec'y.

Radio Technicians
Avery, R.E.
Berggren, E.J.
Clark, J.L.
Turner, A. T.

GROUP "G"
Rooms 385
396A

Van Vleck, J.H., Group Leader
Fubini, E.
Middleton, D.
Steinberg, M.
Sutro, P.J.
Whipple, F.L.

Horton, Mrs. Rosemary, Sec'y.

GROUP "H"
Room 602

Cobine, J.D., Group Leader
Gallagher, C.J.
McCouch, G.P.

Fenn, Eva, Sec'y.

Radio Technician
Gratrix, H.A.

GROUP "J".

Serrell, R., Group Leader

(Group located at C.B.S. in New York)

Gerrie, Elizabeth, Sec'y.
(Room 714)

GROUP "K"
Room 485

Taylor, D.W., Group Leader
Peterson, D.A., Co-leader
Deakins, G.E.
Moran, J.M.

Cook, Elizabeth, Sec'y.

Radio Technician
Wilson, V.P.

RADIO RESEARCH LABORATORY

RESTRICTED

GROUP "L"
Room 713

Farley, W.W., Group Leader
Kell, R.E.
Record, F.A.
Woodruff, J.H.

Dolben, Mrs. Janet, Sec'y.

Radio Technician
Powers, E.P.

GROUP "M"
Room 714

Cullum, A.E., Group Leader
Silliman, R.M.
Barnes, R.B.
Daniell, C.M.
Dorne, A.
Slocum, L.T.
White, Mary J.

Gerrie, Elizabeth, Sec'y.

Radio Technicians
Eggers, C.G.
Pride, D.W.
Sullivan, J.G.

GROUP "P"

Florosa Field Station
Pollock, H.C., Director
Black, J.E.
Davis, K.A.
Studer, F.J.

GROUP "Q"
Rooms 606
610

(see under Group "A")

GROUP "R"
Rooms 614
618

(see under Group "A")

GROUP "Y"
Room 704

Product Engineering
Byrne, J. F., Coordinator

Design and Production Coordination
Byrne, J.F.
Oliphant, C.W.
Plotts, E.L.

Assembly and Wiring
Mayberry, L.A.
Eldredge, J.H.
Evans, G.E.
Hurley, W.A.
Pantages, P.

Technician Helper
Harding, Eleanor

Operations Performance
Kees, H.

Service Tests & Specifications
Monroe, R.B.
Rhiger, R.R.

Aircraft Installations Coordination
Collins, J.R.

CONSULTANTS

Ashby, R.M.
Boring, E.G.
Chu, L.J.
Cork, B.B.
Gaither, H.R.
Goudsmit, S.A.
Guillemin, E.A.
Hendricks, P.S.
Hollywood, J.M.
Lawson, J.L.
Liebowitz, B.
Linford, L.B.
Marshall, L.C.
Peterson, A.P.G.
Rollefson, R.
White, D.G.
Wilner, J.T.

RESTRICTED

AIRPORT
East Boston

Sutherlen, G.
Strong, H.W., Radio Technician

Bearse, D., Janitor
McInnis, A., Machinist

ACCOUNTING
Rooms 176
177

MacKillop, H., Department Head
Savage, R.W., Bookkeeper

Anderson, Julia C.
Balzer, Barbara
Drysdale, Rita
Ingersoll, Mrs. Phyllis C.
Martin, Emily E.

BUILDING OPERATIONS
Room 175

Brooks, E.D., Jr.
Arnold, H.L.
Hagar, W.A., Facilities & Maintenance

Frost, Beatrice L., Sec'y.

Utility Men
Davin, W.J., Head Utility Man
Aylward, W.G.

Night Janitorial
Kelly, C.A., Head Janitor

Janitors
Byrne, T.
Coughlin, W.H.
FitzGibbon, C.A.
Maguire, M.

Cleaning Women
Shine, Mrs. E., In Charge
Daly, Rose
Dumphy, Mrs. A.F.
Grant, Mrs. T.
Rynne, Mrs. Delia

CARPENTER SHOP
Room 096

Hart, F.R., Jr., Foreman
Holland, W.R.
Vigliotti, L.H., Jr.

DISPATCHER
Room 086

Reynolds, J.E., Dispatcher

Jones, Mrs. Pauline, Sec'y.
Bradford, Deborah

Messengers
Hatch, Barbara
O'Neill, Margaret
Smith, Alice L.

Chauffeurs
Chase, B.
Powers, Ruth M.
Stubbs, R.

DOCUMENT ROOM
Room 491

Sard, R.C., In Charge
Ladd, Mary Elizabeth, Librarian

Desjardins, Jean, Sec'y.
Jellison, Ann
Ward, Barbara C.

DRAFTING AND
MECHANICAL DESIGN
Rooms 398
385

Elliott, H.F., Mechanical Consultant
Malles, R., Mechanical Designer
Gundlach, H.F.
Shaw, T.M., In Charge, men assigned to groups
Barnes, F.R.
Lapidas, M.

Room 394

(continued on next page)

Drafting and Mechanical Design (continued)

Room 394

Cushman, R.W., In Charge, Drafting Room
Adams, F.P.
Allen, R.
Bradt, H.G.
Breed, A.W.
Cate, A.R.
Fulkerson, C.
Gerson, H.I.
Putnam, W.E.
Shaw, R. Smith, H.P.
Stubbins, H.
Vuilleumier, Olivia
Wylde, C.I.

Manning, Mrs. Charlotte, Sec'y.
Johnston, Georgina, Clerk
Lightner, Elizabeth M., Clerk
Corliss, Mary B., Clerk

ELEVATOR OPERATOR

Bowden, Cecil

GUARDS
Laboratory and Airport

Sawyer, A. E., Head Guard
Barry, J.J. (Airport)
Bent, H.R.
Bouzane, C.M.
Brennan, J.J.
Conway, W.E.
Coyne, M.D. (Airport)
Donahue, J.J.
Fitzgerald, J.J.
Hart, A. (Airport)
Kelley, E.J.
Lawrence, G.C.
Litch, J.H. (Airport)
O'Neill, M.J.
Palmer, J.A.
Paterson, Wm.
Spalding, W.F. (Airport)
Whiting, E. (Airport)
Woodbury, J.R.

KARDEX
Room 592

Thomas, Mrs. H.L., Department Head
Bartram, Mrs. Dorothy
Hoffman, Mrs. Lillian
Kessler, Mrs. Helen R.
Raymond, Ruth E.

MACHINE SHOP
Room 290

Wilkins, A.O., Superintendent
Williams, C.P., Mechanical Consultant
Weber, Emil, General Foreman
Tamm, E.C., Tool and Stock Supervisor

Jackson, Margaret S., Sec'y.

Day Shift
Arnold, N.H., Carpenter
Barrington, K.P., Sheet Metal
Davidson, A.J., Foreman's Helper
Devonshire, H., Sheet Metal
Downing, E.J., Stock
Gillespie, J.W., Foreman's Helper
Hersey, P., Plating & Foundry
Hughes, Elizabeth M., Tool Room
Maher, J.J., Stock
McIlwraith, Mollie, Engraver
McLaughlin, H.C., Blueprints
Meehem, R., Sheet Metal

Night Shift
Philbrick, E., Night Foreman
Barba, M.J., Sheet Metal
Doyle, W., Sheet Metal

(continued on next page)

MACHINE SHOP
(continued)

Machinists (Day Shift)
Angell, O. R.
Bachand, L.
Bates, G.
Bonelli, C.W.
Brown, C.H.
Brown, H.C.
Crum, K.L.
D'Addario, M.J.
Deane, Shirley
Erickson, R.
Farnham, A.
Grow, Frances
Hinch, Virginia H.
Hite, Mrs. F. M.
Horne, S.L.
Langguth, C.A.
Lawson, Nancy S.
Lincoln, Emily A.
Paine, F.W.
Selander, K.
Thoresen, T.E.
Upton, Miss L.B.
Wellington, Margery
Westgard, J.A.
Williams, J.S.
Williamson, G.W.
Yule, J.

Machinists (Night Shift)
Barnes, J.R.
Bent, L.T.
Christensen, A.
Fortune, E.W.
Jackson, W.B., Jr.
Johnson, W.
Morris, R.D.
Smith, N.L.
Stead, J.M.
Stoddard, J.E.
Watson, E.
Zimmerman, J.C.

PHOTOGRAPHY
Room 390

Gray, C., Department Head
Donaldson, P.H. (Cruft)
Friedman, R.S.
Sturges, D.R.
Vondermuhll, Valerie

PLANNING
Room 590

Monroe, R. B.
Bradley, R.F.
Morley, H.B.
Perkins, E.M.
Schmitz, E.A.

Holmes, A. Louise, Sec'y.
Lepos, Blanche F., Clerk

PROCUREMENT
(Expediting)
Room 173

Cole, C.L., Department Head
Cooke, L.S.

Corson, Mrs. H. Anita, Sec'y.
Laaff, Mrs. Marian D., Sec'y.
Goodwin, Dorothea

PURCHASING
Room 179

Gibson, F.H., Purchasing Agent
Gill, J.A.
Taft, F.W.

Gray, Virginia A., Sec'y.
Meredith, Carolyn A.
Potter, Mrs. Ann F.

RECEIVING AND SHIPPING Room 088	Jones, E. V., Department Head Cail, W.V. Oleson, C.K.
SALVAGE Room 601	Donovan, J. R.
STATISTICIAN Room 176	Rowe, Sargent S. Elbery, W.P.
STOCKROOM Room 594	Chenevert, C.C., Manager Fogg, E.W. Crowley, Matilda Dacey, Mrs. S.M. Fernald, Mrs. Margaret Gallant, Mrs. H.O. (Instruments) McDonough, Lawrence Moran, Mrs. P.L. Mulcahey, J.D. Payne, Frederick Reid, Mrs. M.B.
TELEGRAMS Room 179	Meredith, Carolyn A.
TELEPHONE SWITCHBOARD	Beck, Marie E. Power, Loretta M. Kelly, Mrs. C. (Night Operator)

RESTRICTED

R·R·L·

DIRECTORY

ERSONNEL

IMG_2933

RESTRICTED

R-R-L-
PERSONNEL DIRECTORY

JULY 22, 1944

RADIO RESEARCH LABORATORY

RESTRICTED

RESTRICTED

R-R-L-
PERSONNEL DIRECTORY

SEPTEMBER 1, 1944

RADIO RESEARCH LABORATORY

RESTRICTED

RESTRICTED

R-R-L-
PERSONNEL DIRECTORY

NOVEMBER 1, 1944

RADIO RESEARCH LABORATORY

RESTRICTED

RESTRICTED

R-R-L-
PERSONNEL DIRECTORY

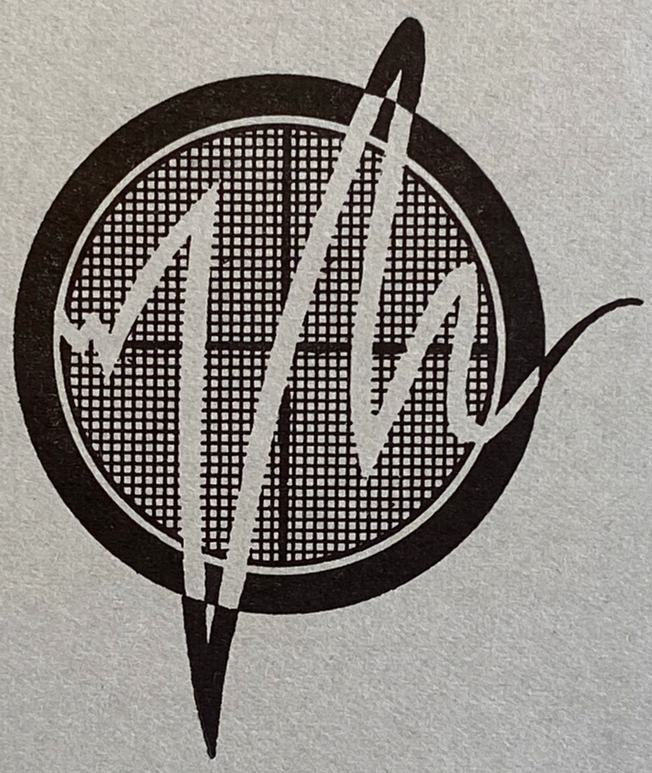
JANUARY 2, 1945

RADIO RESEARCH LABORATORY

RESTRICTED

RESTRICTED

R-R-L-
PERSONNEL DIRECTORY



FEBRUARY 20, 1945

RADIO RESEARCH LABORATORY

RESTRICTED

RESTRICTED

R·R·L·
PERSONNEL DIRECTORY

APRIL 15, 1945

RADIO RESEARCH LABORATORY

RESTRICTED

RESTRICTED

Leave Jan. 1 list in book as it is marked for RRL's

R·R·L·
PERSONNEL DIRECTORY

JUNE 1, 1945

RADIO RESEARCH LABORATORY

RESTRICTED

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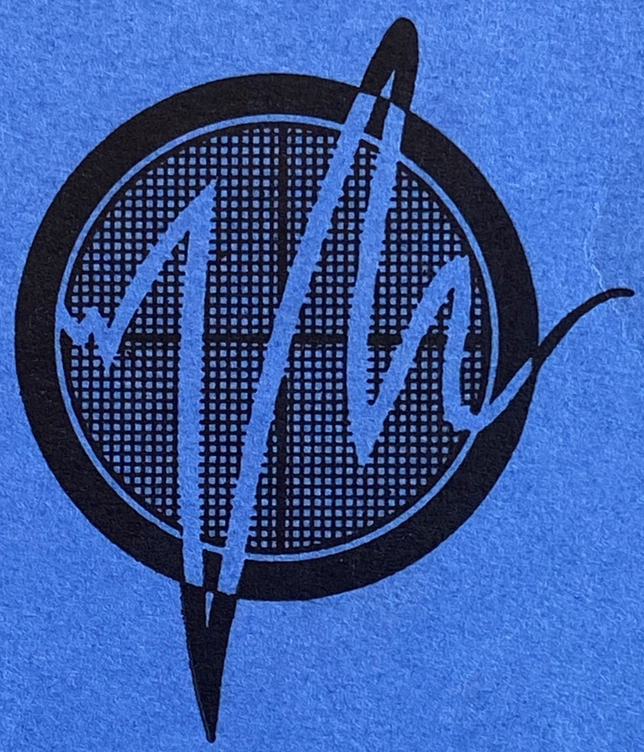
R·R·L·
PERSONNEL DIRECTORY



AUGUST 15, 1945

RADIO RESEARCH LABORATORY

RESTRICTED

RADIO RESEARCH LABORATORY

PERSONNEL DIRECTORY

January 15, 1946

DIRECTOR'S OFFICE

Terman, F. E., Director
Mudge, Elizabeth, Administrative Assistant
Byrne, J. F., Associate Director Cullum, A. E., Associate Director
Palm, Doris, Secretary
Oliphant, C. W., Assistant to the Director
Sturtevant, Barbara, Secretary

NDRC - DIVISION 15, TECHNICAL AIDE

Albrecht, H. W., Technical Aide
Felton, Katherine, Secretary
Regan, Ellen, Secretary
Donahue, J. D., Administrative Assistant
Bresnan, Mrs. Helen McCabe, Mrs. Margaret Slater, Dorothy

BUSINESS MANAGER'S OFFICE

Breed, N. P., Business Manager
Turner, Louise, Secretary
Gibson, F. M. Rogers, R. C.

EDITORIAL DIRECTOR'S OFFICE

McDowell, Louise
Reich, H. J., Consultant Halloran, A. H., Consultant
Reynolds, Mrs. Eva, Secretary
Buss, R. R.

SUMMARY TECHNICAL REPORT OFFICE

Holt, R. B.
Clark, Shirley, Secretary

ARCHIVES

Gariepy, E. E.
Rowlands, Corinne

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PERSONNEL DIRECTORY

JULY 22, 1944

RADIO RESEARCH LABORATORY

RESTRICTED

RADIO RESEARCH LABORATORY
PERSONNEL DIRECTORY

JULY 22, 1944

F. E. TERMAN, DIRECTOR
A. E. CULLUM, ASSOCIATE DIRECTOR

NDRC - DIVISION 15 COMMITTEE

Suits, C. G., *Chairman*
Black, K. C.
DuBridge, L. A.
Jolliffe, C. B.
Potter, R. K.
Terman, F. E.

ARMY LIAISON OFFICE

SIGNAL CORPS
Dodge, A. O., Lt. Col.
Duffy, D. P., Capt.
Abbott, C. E., Capt.
Smillie, Claudia, *Secretary*
Gifford, Louise, *Secretary*

PROJECT OFFICERS
Anderson, N. E., 1st Lt.
Johnson, R. A., 1st Lt.
Hammer, W. A., 1st Lt.

AIR FORCE
Summers, I. A., Capt.
Chambers, W., 1st Lt.
Brown, Margaret, *Secretary*

BEDFORD ARMY AIR BASE
Wright, C. L., Maj., *Commanding Officer*

1st EXPERIMENTAL ELECTRONICS UNIT
Holm, F. A., Maj., *Commanding Officer*

DIRECTOR'S OFFICE

Terman, F. E., *Director*
Mudge, Elizabeth, *Administrative Ass't.*
Hubbard, Elizabeth, *Secretary*
Cullum, A. E., *Associate Director*
Witherell, Audrey, *Secretary*
Hotchkiss, E. B., *Ass't. to Director & Field Station Liaison*
Biel, Jean, *Secretary*
Oliphant, C. W., *Ass't. to Director*
Aschauer, Jane, *Secretary*

NDRC - DIVISION 15, TECHNICAL AIDE

Harris, D. B., *Technical Aide*
Albrecht, H. W., *Technical Aide*
Dale, Muriel, *Secretary*
Felton, Katherine, *Secretary*
McCabe, Mrs. Margaret, *Secretary*
Regan, Ellen, *Secretary*
Walker, Kathryn, *Secretary*

NAVY LIAISON OFFICE

Ferrier, D. T., Comdr., USN (Ret.)
Mains, M. C., Lt. Comdr., USN (Ret.)
Mitchell, J. K., Lt., USNR
Graham, J. W., Lt., USNR
Fryer, E. M., Lt., USNR
Bixby, J., Lt., USNR
Eppling, F. J., Lt. (jg) USNR
Goerger, O. R., Lt. (jg) USNR
Clarke, L. G., Ens., USNR
Stoddard, C. N.
Holmes, A. Louise, *Secretary*
Kenney, Mrs. Jean, *Secretary*
Lyons, Joselyn, *Secretary*
Smith, Margaret, *Secretary*

PROJECT CAST
Christensen, H., Comdr., USNR

EXECUTIVE ENGINEER

Byrne, J. F., *Executive Engineer*
Cushman, R. W.
Gager, F. M.
Steele, Mrs. Ellen, *Secretary*

BUSINESS MANAGER'S OFFICE

Breed, N. P., *Business Manager*
Turner, Louise, *Secretary*
Arnold, H. L., *Special Ass't.*

RESEARCH DIVISION OFFICES

A/J DIVISION

O'Brien, R. S., *Division Head*
Farley, W. W., Ass't. Head, Systems Field Work
Cowan, F. P., Laboratory Head
Athey, S. W., Motion Picture Head
Dolben, Mrs. Jane, *Secretary*
Frye, Natalie, *Secretary*

FIELD TESTING DIVISION

Peterson, D. A., *Division Head, & Head of Apparatus Field Testing*
Fairbanks, Mrs. Doris, *Secretary*
Youngblood, J. F., *Acting Director, Florosa Field Station*
Farley, W. W., *Head, Systems Field Work*

TRANSMITTER DIVISION

Yunker, E. A., *Division Head*
Geary, E. Catherine, *Secretary*

RECEIVER DIVISION

Hulstede, G., *Division Head*
*Pettit, J. M.. *Ass't. Division Head*
Meyer, Lucille, *Secretary*
Buss, R. R., *Group Leader, D*
Christensen, J. W., *Group Leader, C*
Woods, J. P., *Group Leader, Q*

RESEARCH AND ANALYSIS DIVISION

Van Vleck, J. H., *Division Head*
Bloch, F., *Ass't. Division Head*
Cobine, J. D., *Group Leader, H*
Sard, R. D., *Head, Document Room*
Van Vleck, J. H., *Group Leader, G*
Kuiper, G. P. } *Window*
Whipple, F. L. }

RESEARCH AND ALLIED GROUPS

GROUP A

Salisbury, W. W., *Group Leader*
Pease, Mrs. Beulah, *Secretary*
Dow, W. C., *Ass't. Group Leader*
Griggs, Charlotte, *Secretary*

Ambroseno, B.
Artman, R. G.
Black, J. R.
Cary, R. J.
Crawford, F. H.
Donovan, W. F.
Duggan, J. R.
Early, H. C.
Galt, J. K.
Gottlieb, M. B.
Green, R. W.
Hansen, N. O.
Hare, M. D.
Hawes, A. R.
Hok, C. G.
Knight, G. A.
Krones, R.
Lazarus, D.
Leonard, Virginia
Livingood, J. J.
Mable, R.
McNees, S. G.
Morehouse, G. D.
Ohlsson, R. L.
O'Neill, H. T.
Otis, C. F.
Owen, E. W.
Packard, R. H.
Park, D. A.
Parker, G. W.
Pease, M. C.
Powers, E. P.
Record, F. A.
Shuler, E. W.
Stucke, A. F.
Symonds, A. V.
Turnbull, J. C.
Welch, E. S., Jr.
Welch, H. W., Jr.

Bailey, F. J., Deisel Engineer

*Overseas

A/J DIVISION

O'Brien, R. S., *Division Head*
Farley, W. W., *Ass't. Head, Systems Field Work*
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*
Frye, Natalie, *Secretary*

Angel, H. O.
Ashus, A..
Atkins, Faith
Brill, E. R.
Davis, K. A.
Fonopulos, F. S.
Grant, L. E.
Gray, C.
Kaisel, S. F.
Keck, A.
Kell, R. E.
O'Brien, Mrs. Mary
Oinonen, K. W.
Pan, W. Y.
Scheuch, D. R.
Towle, M. L.
Woodruff, J. H.

RESEARCH AND ALLIED GROUPS (Cont.)

GROUP C
(Under Receiver Division)

Christensen, J. W., *Group Leader*
Florencourt, Margaret, *Clerk*

Corbin, P. M.
D'Addario, M. J.
Hatch, R. M.
Loomis, C. C.
Moyer, R. C.
Norton, R. A.
Pearson, P. A.
Sircom, G. S.
Wedel, J. J.
Wrightson, Mrs. Frances

GROUP D
(Under Receiver Division)

Buss, R. R., *Group Leader*

Bain, R. K.
Clark, C. B.
Dudley, T. C.
Griffin, S. J.
Heintz, R. M.
Kamphoefner, F. J.
McCalmon, H. H.
McIntee, W. E.
Petrich, R. O.
Preston, G. D.
Whitby, O. W.

DOCUMENT ROOM

Sard, R. D., *Head*
Hamermesh, M.
Phillips, Melba
Ladd, Mary
Cox, Mrs. Marjorie
Cotter, Helen
Desjardins, Jean
Robertson, Beverly
Stewart, Mrs. Mildred

EDITORIAL DIRECTOR'S OFFICE

Reich, H. J., *Editorial Director*
Halloran, A. H.
Keck, Mrs. Barbara, *Secretary*

FIELD TESTING DIVISION

Peterson, D. A., *Division Head & Head of Apparatus Field Testing*
Fairbanks, Mrs. Doris, *Secretary*
Farley, W. W., *Systems Field Testing*
Wittkopf, J. J.
Youngblood, J. F., *Florosa Field Station*

GROUP G

Van Vleck, J. H., *Group Leader*
Bloch, F., *Ass't., Group Leader*

Hamermesh, M.
Middleton, D.
Phillips, Melba
Pressly, Eleanor
Sard, R. D.
Seaman, Mrs. Joan
Sutro, P. J.
Weinstock, R.

(WINDOW)

Whipple, F. L.
Kuiper, G. P.
Ingersoll, Mrs. Phyllis, *Secretary*

Foster, D. D.
Goble, A. T.
Hartel, E.
Levine, J.
Tyler, A. W.
Wallour, C.

WINDOW SHOP

Gillespie, J. W., *Foreman*
Potter, Mrs. Emily, *Forelady*
Chambers, Mrs. Allegra
Cole, Imogene
Greene, Mrs. Lois
Hendricks, Mrs. Esther

GROUP H

Cobine, J. D., *Group Leader*
Knipp, Mrs. Christine, *Secretary*

Curry, J. R.
Gallagher, C. J.
Gratrix, H. A.
Jastram, P. S.
Kleps, E. W.
Ruthberg, S.

INVENTION DISCLOSURES

Oliphant, C. W., *Ass't. to Director*
Aschauer, Jane, *Secretary*
Brown, I. M.
Nash, Mrs. Mary
Ongley, Phyllis

RESEARCH AND ALLIED GROUPS (Cont.)

GROUP M

Alford, A., *Group Leader*
Gerrie, Elizabeth, *Secretary*
Ingalls, Evelyn, *Secretary*

Barkofsky, E. C.
Beraducci, S.
Beucler, J. F.
Bock, E. L.
Clark, H. K.
Derrah, A. J.
Dorne, A.
Driscoll, Clare
Ellis, A. R.
Gage, W. M.
Goozay, R. D.
Harbury, P. L.
Harring, D. M.
Haskell, M. W.
Heavey, Mrs. Martha
Keeler, P. M.
Kraus, J. D.
Margolin, J.
McGuigan, W. D.
Mizen, C. A.
Morgan, A. N.
Nelson, Jessie
Peterson, A.
Pride, D. W.
Shaw, Eleanor
Slocum, Lois
Sullivan, J. C.

GROUP P - FLOROSA FIELD STATION

Youngblood, J. F., *Acting Director*
Pendergrast, C. F., *Business Manager*
Nutt, R. S., *Secretary*

Anderson, R. E.
Kuck, B. M.
Swinney, C. G.,Jr.
Vidro, E. F.
Wartzok, D. F.

PROGRESS REPORTS

Holt, R. B.
Mumford, Katherine, *Secretary*

GROUP Q
(Under Receiver Division)

Woods, J. P., *Group Leader*
Sturtevant, Barbara, *Secretary*

Boodry, G. E.
Ericksen, R. J.
Fine, F. R.
Hoglund, R. H.
Howe, S. D.
Huggins, W. H.
Kearney, J. W.
Manning, L. A.
Moizeau, Mrs. E.
Moore, T. E.
Rambo, W. R.
Richards, P. I.
Tuck, L. D.
Wadey, W. G.
Webster, R. R.
Wills, R. C.
Yakutis, A.
Zeidler, H. M.

RECEIVER DIVISION

Hulstede, G., *Division Head*
Pettit, J. M., *Ass't. Division Head*
Meyer, Lucille, *Secretary*

(See Groups C, D, and Q)

TEST AND STANDARDS DIVISION

Monroe, R. B., *Head*
Tuttle, Virginia, *Secretary*

Belles, H. W.
Chase, Arbella
Crispell, H. L.
Halberstadt, E.
Lee, R. C.
Lord, W. W.
Marshall, J. R.
Navid, B. N.
Norton, R. S.
O'Brien, R. G.
Rhiger, R. R.
Riley, J. C.

TRANSMITTER DIVISION

Yunker, E. A., *Division Head*
Geary, E., Catherine, *Secretary*

Aims, B. P.
Bark, A.
Barrett, E.
Berggren, E. J.
Bridgeford, G. R.
Caraway, J. B., Jr.
Clark, J.L.
Defeo, A. A.
Farrell, W. E.
Gardner, G. W.
Googins, W.
Grady, F. J.
Haffenreffer, Mrs. M.
Howes, D. E.
Hunt, J. M.
Hurley, W. A.
Kees, H.
Kriegel, H. C.
Mayberry, L. A.
Raburn, L. E.
Reid, R. E.
Robbiano, P. P.
Shattuck, Mrs. M.
Silliman, R. M.
Steigerwalt, O. I.
Turner, A. T.
Vermillion, R. K.
White, W. D.
Wickles, F. J.
Wilson, B. J.

GROUP U

Overacker, H. E., *Group Leader*

Ayer, H. C.
Boynton, W. H.
Bruns, R. A.
Eames, A. M.
Jeffries, C. D.
Soderman, R. A.
Wholey, W. B.

RESEARCH AND ALLIED GROUPS (Concluded)

GROUP Y
(Under Engineering Services)

Plotts, E. L., *Group Leader*
Pfaff, Jean, *Secretary*

Design and Production Coordination

Plotts, E. L., *Head*
Eldredge, J. H., Jr.
Smith, E. C.

Test

Deakins, G. E., *Head*
Applegate, G. W.
Brockman, M. H.
Dowell, M. R.
Harman, A. R.
Lee, C. F.

Assembly

Evans, G. E., *Head*
Baldwin, C. P.
Barbee, Mrs. Katherine
Berry, Mrs. Arline
Billington, E. P.
Bixby, Jessie
Boratgis, J. P.
Brown, P. M.
Ceriello, J. M.
Fallon, June
Fernald, Mrs. Margaret
Frickey, Florence
Gariepy, E. E.
Gorton, Mavis
Hagen, Ethel
Harding, Eleanor
Hayden, W. V.
Leave, F. R.
Meyer, Mrs. Hope
Poole, Eleanor
Rosenberg, H. W.
Strick, H. A.
Styles, R. A.

SERVICE DIVISION OFFICES

ACCOUNTING DIVISION
(Includes General Accounting and Perpetual Inventory)

Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*

ENGINEERING SERVICES
(Coordinates Group Y, Mechanical Engineering, Drafting and Design, Shops and Planning)

Dunleavey, F. S., *Production Supervisor*
Collins, J. R.

FACILITIES DIVISION
(Includes Building Operations, Traffic Department, Woodshop and Plastics)

Bowditch, E. F., *Division Head*
Millard, Mrs. Maxine, *Secretary*

LIAISON DIVISION

Cullum, A. E., *Division Head*
Witherell, Audrey, *Secretary*

TRANSITION DIVISION

Brooks, E. D., *Transition Coordinator*
Frost, Mrs. Beatrice, *Secretary*

SERVICE DIVISION OFFICES (Cont.)

PROCUREMENT DIVISION
(Includes Expediting, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

SERVICE DEPARTMENTS

ACCOUNTING DEPARTMENT

Rowe, S. S., *Department Head*
Cumming, Isabel, *Secretary*
McGillicuddy, J. B.
Baker, J. H.
Maynard, F. W.

GENERAL ACCOUNTING

Lunden, F. O., *Office Manager*
Cleeves, Mrs. Laura, *Secretary*

Anderson, Julia
Barker, Helen
Bradbury, Mrs. Ailene
Damon, Irene
Ghikas, Phalia
Kay, Jean
Kelson, Edna
Killackey, Mrs. Ruth
MacLaughlin, H. C.
Martin, Emily
Miltz, Mrs. Mary
Okstein, Lillian
Pinney, Mrs. Iva
Robinson, Mrs. Rita
Sawyer, Mary
Sheridan, Mildred
Thomas, Frances
Yacobian, Lucy

PERPETUAL INVENTORY

Elbery, W. P., *Head*
Danehy, E. J.
Deary, F. J.
Dukeshire, H. B.
Peterson, E. F.
Wall, J. J.

AIRPORT

Sutherlen, G. R., *Head*
Lepos, Blanche, *Secretary*

Atkins, H.
Beauchemin, A. N.
Bearse, D.
Phillips, A. B.
Strong, H. W.

BUILDING OPERATIONS
(Under Facilities Division)

Cutter, W. G., *Department Head*
Adams, Virginia *(Keys)*
Bishop, Irene *(Stationery Stock)*
McHugh, Mary *(Asst. Stationery Stock)*

UTILITY MEN

Davin, W. J., *Head*
Grover, L. C.
MacArthur, R.
Massey, G. H.
Morano, J.
Nestor, M. T.

ELEVATOR OPERATORS

Bowden, C. W.
Melanson, T. E.

MATRON

Shine, Mrs. Ellen

NIGHT JANITORIAL

Murphy, J. J., *Night Supervisor*
Biergiel, J. J.
Brooks, A. W.
Chambers, Mrs. E.
Daly, Mrs. Rose
Dennehy, Mrs. Abbie
Dorgan, Mrs. K.
Dumphy, Mrs. Anna
Ernest, Mrs. Ruth
Forster, Mrs. Julia
Jackson, G. L.
Landry, Mrs. Frances
McCarthy, Mrs. Mary
McCormack, Mrs. Mary
McNamara, Mrs. Mary
Morrison, Mrs. Evelyn
O'Reilly, W. J.
Sheehan, Mrs. Ruth
Walsh, Mrs. Annie
Whalen, Mrs. Katherine

DRAFTING AND DESIGN
(Under Engineering Services)

Wylde, C. I., *Department Head*
Bradt, H. G., *Chief Draftsman*
Baghdoyan, Mary
Breed, A. W.
Brush, M. R.
Dalton, G. A.
Dion, A. O.
Freeman, J. H.
Fulkerson, C.
Glynn, F. S.
Gulick, M. B.
Hansen, A.
Horton, H. M.
Johnson, E. G.
Johnson, M. C.
Johnston, Georgina
Kalt, O. C.
Lauriat, L.
MacDonald, H. S.
Malaguti, J. F.
Moulding, Mrs. Bara
Page, Mrs. Florence
Parker, S. B.
Peirce, H.
Pertzoff, C. A.
Pureka, T. T.
Putnam, W. E.
Roberts, F. T.
Romano, T. D.
Smith, H. P.
Swaim, Caroline
Traverse, J. M.
Wolford, C. E.

SECRETARIAL AND CLERICAL

Casavant, June
Corliss, Mary
Delano, Barbara
Haley, Mrs. Mary
Lightner, Elizabeth
Murdock, Laurette
Murray, Mrs. Phyllis
Wright, Mrs. Frances

EXPEDITING
(Under Procurement Division)

Holland, J. E., Jr., *Department Head*
Murphy, Mary, *Secretary*
Currie, W. H.
Rogers, R. C.
Smythe, Mrs. Josephine, *Chief Clerk*
Pugh, Mary A., *Clerk*
Reed, Sigrid, *Clerk*

FIELD STATION LIAISON

Hotchkiss, E. B., *Department Head*
Biel, Jean, *Secretary*
Baker, Mrs. Harriet, *Secretary*
McKenna, Elizabeth, *Secretary*

GUARDS

Linscott, C. H., *Security Officer*
Bouzane, C. M., *Supervisor*
Rogers, H. G., *Supervisor*
Barry, J. J.
Boyle, W. E.
Brennan, J. J.
Coyne, M. D.
Creedon, J. D.
Driscoll, T. J.
Grenda, W. A.
Hart, A.
Johnson, J. F.
Kelley, E. J.
Lawrence, G. C.
Litch, J. H.
Martin, W. J.
McMurray, T.
Murphy, M. F.
Regan, D. P.
Rodden, J. J.
Shaw, J.
Skinner, C. W.
Stevenson, P.
Tillson, H. V.
Vaughan, V. E.
Whiting, E.
Woodbury, J. R.

INSTRUMENTS

Wilson, V. P., *Department Head*
Whitmore, Priscilla, *Secretary*
Barron, A. J.

SERVICE DEPARTMENTS (Cont.)

KARDEX
(Under Procurement Division)

Kessler, Mrs. Helen, *Department Head*
Bartram, Mrs. Dorothy
Berger, Mrs. Margaret
Brooks, Harriet
Butler, Mrs. Hope
Raymond, Ruth

LIAISON DIVISION

Cullum, A. E., Jr., *Division Head*
Witherell, Audrey, *Secretary*
Leadbetter, Barbara, *Senior Clerk*
Barnard, R. C., *Projects and Records*
Jack, Mrs. Esther, *Secretary*
Bacorn, Barbara, *Coordinator of Proj.Center*
Phippen, Lydia, *Clerk*

Daniell, C. M., *Washington Liaison*
Holt, R. B., *ARL and NRL Liaison*
Hammett, R. L., *Theater Liaison*
Bacorn, Barbara, *Liaison Assistant*
Nonnemaker, Mrs. Ruth, *Secretary*

Jasberg, J. H., *Report Section*
Kolstad, G., *Assistant*
Anton, Martha, *Secretary*
Cola, Irene, *Secretary*
Wright, Marie, *Clerk*

MECHANICAL CONSULTANT

Elliott, H. F.
Horton, Mrs. Rosemary, *Secretary*
Shaw, T. M.
Williams, C. P.

MECHANICAL ENGINEERING

Malles, R. E., *Department Head*

Allen, R.	Lapidas, M.
Barnes, F. R.	Neuberger, G. F.
Der Hohannesian, G.	Smith, W. F.
Gerson, H. I.	Upham, L. D.
Gundlach, H.	Vuilleumier, Olivia
Kelley, L. B.	

PERSONNEL DEPARTMENT

Sutherland, G., *Personnel Director*
Harrison, W. T., *Advisor*
Hickman, B. W., *Advisor*
Dimick, Carolyn, *Secretary*
Dix, W. S., *Ass't. Personnel Director*
Nile, A. H., *Ass't. Personnel Director*
Jackson, M. Frances, *Office Manager*
Eaton, June
Hatch, Barbara
McPartland, Marguerite
Thomas, Maude, *Selective Service Supervisor*
Giddings, Mrs. Lenore

PHOTOGRAPH DEPARTMENT
(Under Publishing Department)

Vondermuhll, V., *Head*
Edgell, Mrs. Rosemary
Friedman, R. S.
Hall, M. T.

PLANNING DIVISION

Rice, J. B., Jr., *Head*
Pannebaker, Mrs. Barbara, *Secretary*
Bishop, Ann, *Secretary*
Carlson, Mrs. Marjorie, *Secretary*
Murphy, Eileen, *Secretary*

Eaton, R. K.	Morley, H. B.
Goodwin, A. B.	Perkins, E. M.
Hedderig, J. K.	Robinson, P. E.
McGah, J. T.	Waechter, P. M.

PROCUREMENT DIVISION
(Includes Expediting, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Dept.)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

SERVICE DEPARTMENTS (Cont.)

PUBLISHING

Schmitz, E. A., *Department Head*
Donaldson, P. H., *Advisor*
Sawyer, A. E.
Bernard, Mary
Lyons, Dorothy

ILLUSTRATION

Adams, F. P., *Section Head*
Barnard, Mrs. Katherine
Benjamin, Mae
Bernier, Muriel
Crosby, Mrs. Elinor
Heidt, Mrs. Constance
Livingstone, Mary
Wood, Greta

MULTILITH

Sturges, D. R., *Section Head*
Allen, Barbara
Hatfield, Dorothy
Holmes, Mary
Lincoln, Mrs. Helen

DISTRIBUTION

Peet, O., *Section Head*
Alberg, Alice
McLaughlin, Catherine

DUPLICATING

Jellison, Ann, *Section Head*
Carlson, Phyllis
Loper, Gwendolyn

PURCHASING DEPARTMENT
(Under Procurement Division)

Gibson, F. M., *Purchasing Agent*
Mahoney, Mrs. Dorothy, *Secretary*
Gill, J. A., *Ass't. Purchasing Agent*

Alexander, Mildred
Bowers, Mrs. Mary
Burd, E. D.
Jones, N. E.
Meredith, Carolyn
O'Neill, Margaret
Peterson, Rita
Taft, F. W.

RECEIVING AND SHIPPING ROOM
(Under Procurement Division)

Jones, E. V., *Department Head*
Cail, W. V.
Cohen, A. S.
Fawcett, J. C.
Fitzgerald, A. J.
McLaughlin, H.
Oleson, C. K.
Rahall, E. F.
Sullivan, D. J.
Szidat, S.
Tice, G. J.
Winstanley, D. J.

STOCKROOM
(Under Procurement Division)

Fogg, E. W., *Manager*
Mulcahey, J. D., *Ass't. Manager*
Crowley, Matilda
Dodd, Doris
Fernald, Mrs. Margaret
Fitzgerald, Eleanor
Fuller, C. G.
Galgay, Mrs. Marjorie
Gillis, T. E.
Horan, D. J.
Johnson, Louise
Kleinfelder, Ann E.
Koocher, A.
MacArthur, Virginia
MacKinnon, F. R.
MacQuarrie, June
O'Brien, E. R.
O'Sullivan, R. F.
Reid, Mrs. Margaret
Trottier, Mrs. Sally
Welch, R. A.

SUBCONTRACTING DEPARTMENT
(Under Procurement Division)

Cooke, L. S., *Head*
Lee, Dorothy, *Secretary*

Locke, A. E.
McCullough, M. A.
Scantland, B. B.
Smith, G. M.
Smith, Mrs. Anna

SHOPS DIVISION

Wilkins, A. O., *Director of Shops*

MACHINE SHOP

Zimmerman, J. C., *General Foreman*

MACHINISTS & SHEET METAL WORKERS

Day Shift

Bates, G., *Foreman*
Smith, N., *Ass't. Foreman*
Arnold, N. H.
Ayer, L. H.
Bachand, L. A.
Barba, M. J.
Barrington, K. P.
Bjork, A. W.
Brown, H. C.
Carle, A. J.
Davidson, A. J.
Devonshire, H. F.
Erickson, R. W.
Haigh, R. G.
Hemmerdinger, W. J.
Hood, T. W.
Hudon, O.
Johansen, E.
Langguth, C. A.
Lawson, Nancy
Mechem, R. C.
Newell, C. J.
Paine, F. W.
Perry, J. W.
Selander, K. H.
Smith, E. B.
Staples, R. S.
Thoresen, T. E.
Usis, S.
Williamson, G. I.

Cushing, D. *Foreman*
Angell, O. R.
Bent, L. T.
Crum, K. L.
Desmond, H. B.
Eastham, Mrs. Myrtle
Farnham, A. E.
Gavin, Mrs. Jean
Gillis, Mrs. Henrietta
Grow, Frances
Hinch, Virginia
Iverson, Rosalyn
Jones, Evelyn
Kelly, Mrs. Catherine
Kershaw, W. F.
Ladd, Priscilla
Lyons, Marion
Marston, E. L.
McIlwraith, Mollie
Mooney, Mrs. Frances
Petrelli, Leonora
Roberts, J. A.
Rogers, N. I.
Upton, Lillian
Walker, Geraldine
Wellington, Margery
Worthington, Illione
Yule, J. C.

Night Shift

Horne, S. J., *Foreman*
Bonnelli, C.
Cawthron, F.
Christensen, A.
Cooper, F. J.
Doyle, W. A.
Dudley, F. A.
Flaherty, H. F.
Fruzzetti, A. E.
Goodwin, W. R.
Hern, W. A.
Hewitt, F. H.
Holman, R. B.
Hudon, E. E.

Jackson, W. B.
McNally, J. H.
Mehne, F. E.
Morris, R. D.
Parker, F. L.
Porter, L.
Reichenbacher, C. J.
Roy, W. H.
Scherer, G. E.
Smith, R. O.
Sullivan, G.
Watson, E.

PAINTING & PLATING SHOP

LaRosee, R. L., *Foreman*
Gallagher, J. L.
Mahoney, Mrs. Edith
McClellan, W. F.

TRANSFORMER SHOP

Jacobs, G. B., *Head*
Chandonnet, H. J., *Foreman*
Anastasy, N. L.
Blum, J. W.
Coleman, J. J.
Currier, F. R.
Fucci, Mildred
Ivonen, Ann

WINDOW SHOP

Gillespie, J. W., *Foreman*
Potter, Emily, *Forelady*
Chambers, Allegra
Cole, Ruth I.
Greene, Lois D.
Hendricks, Esther
Petersen, Miriam

TOOL & STOCK DEPARTMENT

Tamm, C. E., *Tool & Stock Supervisor*
Maher, J., *Ass't. Tool & Stock Supervisor*
Whittier, M., *Production Material Supvr.*
Gatzke, Lois
Higgins, N. G.
MacPherson, S. H.
Pollard, Harriet

Mumler, W. H., *Raw Stock Inspector*
Brodeur, H. J.
Deming, Elvena
Downey, M. L.
Downing, E. J.
Pollard, L. R.
Ruck, J. F.
Temple, D. H.
Thompson, S. E.

Deane, Shirley, *Tool & Stockroom Manager*
Fortune, E.
Outridge, Mrs. Priscilla
Regan, Barbara
Wheeler, Mrs. Elizabeth

LABORATORY SHOPS

Sites, K. M., *Tool Inspector*
Daley, F. A.
Dow, A. H.
Landfear, A. H.

SHOPS OFFICE

Trenchard, Mrs. Mary L., *Secretary*
Booth, Mrs. Elizabeth
Carll, Elma
Harrington, Ruth
Pofahl, Dorothy
Smith, Ethel

SERVICE DEPARTMENTS (Concluded)

SWITCHBOARD
(Under Building Operations)

Pearl, Mrs. Marie, *Head Operator*
Burns, Mrs. June
Goodwin, Dorothea
Killackey, Mrs. Ruth
Power, Loretta
Kelly, Mrs. Gertrude *(nights)*
Mahoney, Mrs. Mary *(on call)*

TRAFFIC DEPARTMENT
(Under Facilities Division)

Bradley, R.F., *Head*
Jones, Mrs. Pauline, *Secretary*
Nibbe, Mrs. Geneva, *Secretary*

MESSENGERS
Lynch, Mary, *Head*
Dyer, Elizabeth
Goodrich, Mary
Harrison, Dorothy
Hutton, Marjorie
Prebensen, Dorothea
Rozon, Dorothy

Smith, Alice, *Telegrams*

DRIVERS
Aldersen, R. E.
Chase, B. A.
Kennedy, G. E.
Lucas, K. A.
Stubbs, R. F.

TRANSITION DIVISION

Brooks, E. D., Jr., *Transition Coordinator*
Frost, Mrs. Beatrice, *Secretary*
Flynn, R. M., *Receiver Section*
Ross, C. C., *Transmitter Section*
Sheets, Mrs. Alice, *Secretary*
Lubin, S., *Test Equipment Section*
Moses, M. G., *Window Section*
Singleton, H. C., *Antenna Section*
Melbye, Margaret, *Secretary*
Scott, R. C., *A-500C Section*
MacKechnie, H. K., *Assistant*
Taylor, J. B., *Transition Allocations*
Anderson, Jean, *Secretary*
Enright, Eleanor, *Secretary*
Butler, Marjorie, *Clerk*
Alden, E. R. *Transition Instrument Room*
Sander, C. G., *Assistant*
Olson, Mrs. Vivian, *Clerk*

WOODSHOP & PLASTICS
(Under Facilities Division)

Hart, F. R., *Superintendent*
Ryan, Mrs. Marianne, *Secretary*
Vigliotti, L. H., *Foreman*
Andersen, H. L.
Earle, R. G.
Harrison, R.
Holland, W. R.
Jackson, H. W.
Portanova, J. R.
Shaw, G. E.

CONSULTANTS

Ashby, R. M.
Boring, E. G.
Chaffee, E. L.
Chu, L. J.
Cork, B. B.
Gaither, H. R.
Garman, R. L.
Goldmark, P. C.
Goudsmit, S. A.
Guillemin, E. A.
Hendricks, P. S.
Hinkley, J. W.
Johnson, H. M.
Jordan, W. H.
Knipp, J.
Lawson, J. L.
Liebowitz, B.
Linford, L. B.
Marshall, L. C.
McCreary, R. L.
Musgrave, A. B.
Nelson, R. R.
Peterson, A. P.
Reedy, P. H.
Rollefson, R.
Sather, O.
Serrell, R.
Stone, A. M.
Tape, G. T.
Uhlenbeck, G.
Wallman, H.
White, D. G.
Van Atta, L. C.

FIELD MISSIONS

Barnes, R. B.
Black, J. R.
Cohn, S. B.
Foster, J. S.
Hammett, R. L.
Hotchkiss, E. B.
MacQuivey, D. R.
Moran, J. M.
Pettit, J. M.
Raymond, R. C.
Taylor, D. W.

AMERICAN BRITISH LABORATORY OF DIVISION 15

Dyer, J. N., *Director*
Kustler, Gladys, *Secretary*

Cahill, F. C.
Associate Technical Director

Fraenkel, V. H., *Consultant*

Chase, J. P., *Associate Administrative Director*

RESEARCH PERSONNEL

Cahill, F. C., *Associate Technical Director*

Adams, M. B.
Avery, R. E.
Case, Mrs. Margaret
Caufield, W. B.
Clade, W. W.
Foster, H. G.
Granger, J. V.
Henkel, R. L.
Hollywood, J. M.
Horner, Grace
Hussey, F. L.
Keuffel, J. W.
Klemm, G. H.
Kuhn, T. S.
Larsen, L. C.
Lebenbaum, M. T.
Lewis, R. F.
Lusted, L. B.
McCouch, G. P.
Miller, E. W.
Noe, J. D.
Reynolds, D. K.
Stangroom, H. J.
Stephenson, J. G.
Villard, O. G., Jr.
Wilner, J. T.
Wilson, R. E.

SECRETARIAL STAFF

Baldwin, Rosemary
Clark, Shirley
Fenn, Eva
Gilbert, Doris
Gray, Virginia
Kustler, Gladys
Palm, Doris
Rowlands, Corinne, *Records and Documents*
Kaspar, Rosalind, *Teletype Operator*
White, Shirlee, *Clerk*
Van Zandt, Jean, *Clerk*

SERVICE DIVISION

Chase, J. P., *Associate Administrative Director*
Francis, E. L., *Business Manager*
Clarke, L. L., *Ass't. to Business Manager*
MacKillop, H., *Accountant*

DRAFTSMEN

Cate, A. R.
LeBoutillier, G. T.
Shaw, R. H.

MACHINISTS

Brown, C. H., *Foreman*
Burns, E.
Covey, K. R.
Failla, C. F.
Rheaume, R. A.
Van Dyke, R. E.
White, J. W.

STOCKROOM

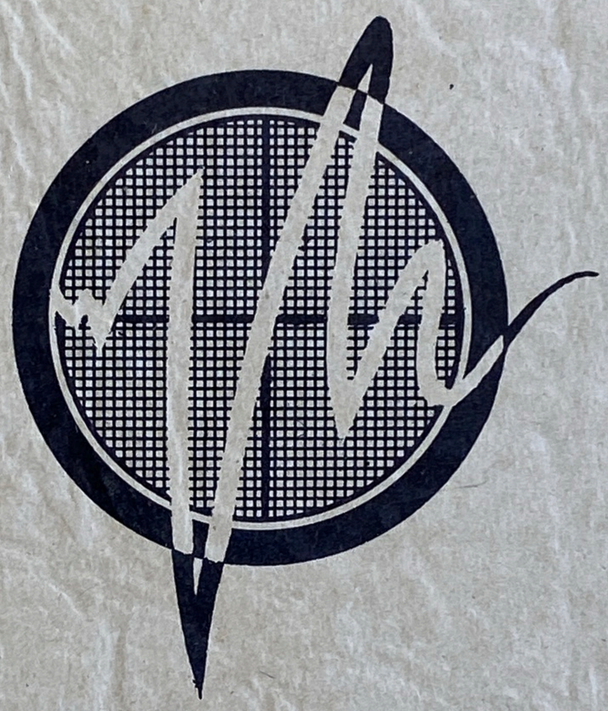
Darcy, H. N., *Manager*
Meek, Helen, *Clerk*
Moakler, Beatrice, *Clerk*

HANDYMAN-MECHANIC

Sullivan, J. T.

RESTRICTED

R-R-L-
PERSONNEL DIRECTORY



SEPTEMBER 1, 1944

RADIO RESEARCH LABORATORY

RESTRICTED

RADIO RESEARCH LABORATORY

PERSONNEL DIRECTORY

SEPTEMBER 1, 1944

F. E. TERMAN, DIRECTOR
A. E. CULLUM, ASSOCIATE DIRECTOR
J. F. BRYNE, EXECUTIVE ENGINEER
N. P. BREED, BUSINESS MANAGER

NDRC - DIVISION 15 COMMITTEE

Suits, C. G., *Chairman*
Black, K. C.
DuBridge, L. A.
Jolliffe, C. B.
Moore, J. H.
Potter, R. K.
Terman, F. E.

ARMY LIAISON OFFICE

SIGNAL CORPS

Dodge, A. O., Lt. Col., *Liaison Officer*
Duffy, D. P., Capt., *Officer in Charge*
Anderson, N. E., 1st Lt., *Liaison Ass't.*
Hammer, W. A., 1st Lt., *Liaison Ass't.*
Johnson, R. A., 1st Lt., *Liaison Ass't.*
Kerns, D. M., 1st Lt., *Test Equipment*
LaRochelle, J. A., 1st Lt., *Property*
Smillie, Claudia, *Secretary*
Gifford, Louise, *Secretary*

AIR FORCE

Summers, I. A., Capt., *Liaison Officer*
Chambers, W. E., Jr., 1st Lt., *Liaison Ass't.*
Brown, Margaret, *Secretary*

BEDFORD ARMY AIR BASE

Wright, C. L., Maj., *Commanding Officer*

1st EXPERIMENTAL ELECTRONICS UNIT

Holm, F. A., Maj., *Commanding Officer*

DIRECTOR'S OFFICE

Terman, F. E., *Director*
Mudge, Elizabeth, *Administrative Assistant*
Hubbard, Elizabeth, *Secretary*
Cullum, A. E., *Associate Director*
Witherell, Audrey, *Secretary*
Hotchkiss, E. B., *Ass't. to Director & Field Station Liaison*
Biel, Jean, *Secretary*
Oliphant, C. W., *Ass't. to Director*
Aschauer, Jane, *Secretary*

NDRC - DIVISION 15, TECHNICAL AIDE

Harris, D. B., *Technical Aide*
Albrecht, H. W., *Technical Aide*
Arau, Lucine, *Secretary*
Felton, Katherine, *Secretary*
McCabe, Mrs. Margaret, *Secretary*
Regan, Ellen, *Secretary*
Walker, Kathryn, *Secretary*

NAVY LIAISON OFFICE

Ferrier, D. T., Comdr., USN (Ret.)
Mains, M. C., Lt. Comdr., USN (Ret.)
Mitchell, J. K., Lt., USNR
Graham, J. W., Lt., USNR
Fryer, E. M., Lt., USNR
Bisby, J. E., Lt., USNR
Eppling, F. J., Lt. (jg) USNR
Goerger, O. R., Lt. (jg) USNR
Campbell, J. P., Lt. (jg) USNR
Clarke, L. G., Ens., USNR
Bergemann, R. J., Jr., Ens., USNR
Stoddard, C. N.
Holmes, A. Louise, *Secretary*
Kenney, Mrs. Jean, *Secretary*
Lyons, Joselyn, *Secretary*
Smith, Margaret, *Secretary*

PROJECT CAST

Christensen, H., Comdr., USNR

EXECUTIVE ENGINEER

Byrne, J. F., *Executive Engineer*
Cushman, R. W.
Steele, Mrs. Ellen, *Secretary*

BUSINESS MANAGER'S OFFICE

Breed, N. P., *Business Manager*
Turner, Louise, *Secretary*

RESEARCH DIVISION OFFICES

A/J DIVISION

O'Brien, R. S., *Division Head*
Farley, W. W., *Ass't. Head, Systems Field Work*
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*
Frye, Natalie, *Secretary*

FIELD TESTING DIVISION

Peterson, D. A., *Division Head, & Head of Apparatus Field Testing*
Fairbanks, Mrs. Doris, *Secretary*
Youngblood, J. F., *Acting Director, Florosa Field Station*
Farley, W. W., *Head, Systems Field Work*

TRANSMITTER DIVISION

Yunker, E. A., *Division Head*
Geary, E. Catherine, *Secretary*

RECEIVER DIVISION

Hulstede, G., *Division Head*
Pettit, J. M., *Ass't. Division Head*
Meyer, Lucille, *Secretary*
Buss, R. R., *Group Leader, D*
Christensen, J. W., *Group Leader, C*
Woods, J. P., *Group Leader, Q*

RESEARCH AND ANALYSIS DIVISION

Van Vleck, J. H., *Division Head*
Bloch, F., *Ass't. Division Head*
Cobine, J. D., *Group Leader, H*
Sard, R. D., *Head, Document Room*
Van Vleck, J. H., *Group Leader, G*
Kuiper, G. P.
Whipple, F. L. } *Window*

RESEARCH AND ALLIED GROUPS

GROUP A

Salisbury, W. W., *Group Leader*
Pease, Mrs. Beulah, *Secretary*
Dow, W. C., *Ass't. Group Leader*
Griggs, Charlotte. *Secretary*
Livingood, J., *Ass't. Group Leader*

Ambroseno, B.
Artman, R. G.
Black, J. R.
Cary, R. J.
Crawford, F. H.
Donovan, W. F.
Duggan, J. R.
Early, H. C.
Galt, J. K.
Gottlieb, M. B.
Green, R. W.
Hansen, N. O.
Hare, M. D.
Hawes, A. R.
Hok, C. G.
Knight, G. A.
Krones, R.
Lazarus, D.
Leonard, Virginia
Livingood, J. J.
Mable, R.
McNees, S. G.
Morehouse, G. D.
Ohlsson, R. L.
O'Neill, H. T.
Otis, C. F.
Owen, E. W.
Packard, R. H.
Park, D. A.
Parker, G. W.
Pease, M. C.
Powers, E. P.
Record, F. A.
Shuler, E. W.
Stucke, A. F.
Symonds, A. V.
Turnbull, J. C.
Welch, E. S., Jr.
Welch, H. W., Jr.

Bailey, F. J., Deisel Engineer

A/J DIVISION

O'Brien, R. S., *Division Head*
Farley, W. W., *Ass't. Head, Systems Field Work*
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*
Frye, Natalie, *Secretary*

Anger, H. O.
Ashus, A.
Brill, E. R.
Davis, K. A.
Fonopulos, F. S.
Grant, L. E.
Gray, C.
Hoglund, R. H.
Kaisel, S. F.
Keck, A.
Kell, R. E.
O'Brien, Mrs. Mary
Oinonen, K. W.
Pan, W. Y.
Scheuch, D. R.
Towle, M. L.
Woodruff, J. H.

GROUP C
(Under Receiver Division)

Christensen, J. W., *Group Leader*
Florencourt, Margaret, *Clerk*
White, Shirlee, *Clerk*
Corbin, P. M.
D'Addario, M. J.
Hatch, R. M.
Loomis, C. C.
Moyer, R. C.
Norton, R. A.
Overfield, Muriel
Pearson, P. A.
Sircom, G. S.
Wedel, J. J.
Wrightson, Mrs. Frances

GROUP D
(Under Receiver Division)

Buss, R. R., *Group Leader*
Pollard, Helen, *Secretary*
Clark, C. B.
Dudley, T. C.
Griffin, S. J.
Heintz, R. M.
Kamphoefner, F. J.
McCalmon, H. H.
McIntee, W. E.
Petrich, R. O.
Preston, G. D.
Rakestraw, D. L.
Riemitis, C.
Whitby, O. W.

DOCUMENT ROOM

Sard, R. D., *Head*
Hamermesh, M.
Ladd, Mary Elizabeth
Cox, Mrs. Marjorie
Cotter, Helen
Desjardins, Jean
Robertson, Beverly
Stewart, Mrs. Mildred

EDITORIAL DIRECTOR'S OFFICE

Reich, H. J., *Editorial Director*
Halloran, A. H.
Keck, Mrs. Barbara, *Secretary*

FIELD TESTING DIVISION

Peterson, D. A., *Division Head & Head of Apparatus Field Testing*
Fairbanks, Mrs. Doris, *Secretary*
Hagen, G. D.
Wittkopf, J. J.
Farley, W. W., *Systems Field Testing*
Youngblood, J. F., *Florosa Field Station*

GROUP G

Van Vleck, J. H., *Group Leader*
Bloch, F., *Ass't., Group Leader*
Foster, D. D.
Hamermesh, M.
Middleton, D.
Pressly, Eleanor
Sard, R. D.
Sutro, P. J.
Weinstock, R.

(WINDOW)

Whipple, F. L.
Kuiper, G. P.
Ingersoll, Mrs. Phyllis, *Secretary*
Hartel, E.
Levine, J.
Tyler, A. W.
Vallas, C.
Wallour, C.

WINDOW SHOP

Gillespie, J. W., *Foreman*
Potter, Mrs. Emily, *Forelady*
Barnard, Elizabeth
Chambers, Mrs. Allegra
Cole, Imogene
Greene, Mrs. Lois
Petersen, Miriam

GROUP H

Cobine, J. D., *Group Leader*
Knipp, Mrs. Christine, *Secretary*
Curry, J. R.
Gallagher, C. J.
Gratrix, H. A.
Jastram, P. S.
Ruthberg, S.

INVENTION DISCLOSURES

Oliphant, C. W., *Ass't. to Director*
Aschauer, Jane, *Secretary*
Brown, I. M.
Nash, Mrs. Mary

GROUP M

Alfora, A., *Group Leader*
Gerrie, Elizabeth, *Secretary*
Ingalls, Evelyn, *Secretary*

Barkofsky, E. C.
Benard, T. H.
Beraducci, S.
Beucler, J. F.
Bock, E. L.
Clark, H. K.
Dorne, A.
Driscoll, Clare
Ellis, A. R.
Gage, W. M.
Goozay, R. D.
Harbury, P. I.
Harring, D. M.
Haskell, M. W.
Heavey, Mrs. Martha
Hudon, O.
Keeler, P. M.
Kraus, J. D.
Margolin, J.
McGuigan, W. D.
Mizen, C. A.
Morgan, A. N.
Nelson, Jessie
Peterson, A.
Pride, D. W.
Shaw, Eleanor
Smith, N.
Wilhoit, D. F.

GROUP P - FLOROSA FIELD STATION

Youngblood, J. F., *Acting Director*
Pendergrast, C. F., *Business Manager*
Nutt, R. S., *Secretary*

Anderson, R. E.
Kuck, B. M.
Swinney, C. G.,Jr.
Vidro, E. F.
Wartzok, D. F.

PROGRESS REPORTS

Holt, R. B.
Daley, Jean, *Secretary*

GROUP Q
(Under Receiver Division)

Woods, J. P., *Group Leader*
Sturtevant, Barbara, *Secretary*

Boodry, G. E.
Ericksen, R. J.
Fine, F. R.
Howe, S. D.
Huggins, W. H.
Kearney, J. W.
Manning, L. A.
Moizeau, Mrs. E.
Moore, T. E.
Rambo, W. R.
Richards, P. I.
Tuck, L. D.
Wadey, W. G.
Webster, R. R.
Wills, R. C.
Wrobleski, W. D.
Yakutis, A.
Zeidler, H. M.

RECEIVER DIVISION

Hulstede, G., *Division Head*
Pettit, J. M., *Ass't. Division Head*
Bain, Gladys, *Clerk*

(See Groups C, D, and Q)

TEST AND STANDARDS DIVISION

Monroe, R. B., *Head*
Gager, F. M., *Acting Head*
Tuttle, Virginia, *Secretary*

Belles, H. W.
Chase, Arbella
Crispell, H. L.
Halberstadt, E.
Lee, R. C.
Lord, W. W.
Marshall, J. R.
Navid, B. N.
Norton, R. S.
O'Brien, R. G.
Rhiger, R. R.
Riley, J. C.
Zucker, F. J.

TRANSMITTER DIVISION

Yunker, E. A., *Division Head*
Geary, E., Catherine, *Secretary*
Taylor, Emma T., *Secretary*

Aims, B. P.
Barrett, E.
Berggren, E. J.
Bridgeford, G. R.
Caraway, J. B., Jr.
Clark, J. L.
Defeo, A. A.
Farrell, W. E.
Gardner, G. W.
Googins, W.
Grady, F. J.
Haffenreffer, Mrs. M.
Howes, D. E.
Hunt, J. M.
Hurley, W. A.
Kees, H.
Kriegel, H. C.
Loebel, Lewald
Mayberry, L. A.
Murray, Helen
Raburn, L. E.
Reid, R. E.
Shattuck, Mrs. M.
Silliman, R. M.
Steigerwalt, O. I.
Turner, A. T.
Vermillion, R. K.
White, W. D.
Wickles, F. J.
Wilson, B. J.

GROUP U

Overacker, H. E., *Group Leader*
Mrs Pollard, Secy

Ayer, H. C.
Boynton, W. H.
Bruns, R. A.
Eames, A. M.
Hadley, C. F.
Jeffries, C. D.
Soderman, R. A.
Wholey, W. B.

RESEARCH AND ALLIED GROUPS (Concluded)

GROUP Y
(Under Engineering Services)

Plotts, E. L. *Group Leader*
Pfaff, Jean, *Secretary*

Design and Production Coordination

Plotts, E. L., *Head*
Eldredge, J. H., Jr.
Smith, E. C.

Test

Deakins, G. E., *Head*
Applegate, G. W.
Brockman, M. H.
Dowell, M. R.
Harman, A. R.
Lee, C. F.

Assembly

Evans, G. E., *Head*
Baldwin, C. P.
Barbee, Mrs. Katherine
Berry, Mrs. Arline
Billington, E. P.
Bixby, Jessie
Boratgis, J. P.
Brown, P. M.
Ceriello, J. M.
Fallon, June
Fernald, Mrs. Margaret
Frickey, Florence
Gorton, Mavis
Hagen, Ethel
Harding, Eleanor
Hayden, W. V.
Leave, F. R.
Meyer, Mrs. Hope
Rosenberg, H. W.
Strick, H. A.
Styles, R. A.

SERVICE DIVISION OFFICES

ACCOUNTING DIVISION
(Includes General Accounting and Perpetual Inventory)

Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*

ENGINEERING SERVICES
(Coordinates Group Y, Mechanical Engineering, Drafting and Design, Shops and Planning)

Dunleavey, F. S., *Production Supervisor*
Abbott, Priscilla A., *Secretary*

Collins, J. R.

FACILITIES DIVISION
(Includes Building Operations, Traffic Department, Woodshop and Plastics)

Bowditch, E. F., *Division Head*
Millard, Mrs. Maxine, *Secretary*

LIAISON DIVISION

Cullum, A. E., *Division Head*
Witherell, Audrey, *Secretary*

PROCUREMENT DIVISION
(Includes Expediting and Materials Liquidation, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

TRANSITION DIVISION

Brooks, E. D., *Transition Coordinator*
Frost, Mrs. Beatrice, *Secretary*

SERVICE DEPARTMENTS

ACCOUNTING DEPARTMENT

Rowe, S. S., *Department Head*
Cumming, Isabel. *Secretary*
McGillicuddy, J. B.
Baker, J. H.
Maynard, F. W.

GENERAL ACCOUNTING

Lunden, F. O., *Office Manager*
Cleeves, Mrs. Laura, *Secretary*

Anderson, Julia
Barker, Helen
Bradbury, Mrs. Ailene
Cohen, A.
Damon, Irene
Ghikas, Phalia
Kay, Jean
Kelson, Edna
Martin, Emily
Miltz, Mrs. Mary
Okstein, Lillian
Pinney, Mrs. Iva
Prebensen, Dorothea
Proctor, Jean
Robinson, Mrs. Rita
Sheridan, Mildred
Turner, Mildred
Yacobian, Lucy

PERPETUAL INVENTORY

Elbery, W. P., *Head*
Danehy, E. J.
Deary, F. J.
Dukeshire, H. B.
Peterson, E. F.
Wall, J. J.

AIRPORT

Sutherlen, G. R., *Head*
Lepos, Blanche, *Secretary*

Atkins, H.
Beauchemin, A. N.
Bearse, D.
Phillips, A. B.
Sullivan, J. C.

BUILDING OPERATIONS
(Under Facilities Division)

Cutter, W. G., *Department Head*
Adams, Virginia *(Keys)*
Bishop, Irene *(Stationery Stock)*
McHugh, Mary *(Ass't Stationery Stock)*

UTILITY MEN

Davin, W. J., *Head*
Grover, L. C.
MacArthur, R.
Massey, G. H.
Morano, J.
Nestor, M. T.

ELEVATOR OPERATORS

Bowden, C. W.
Melanson, T. E.

MATRON

Whalen, Mrs. Katherine

SERVICE DEPARTMENTS (Cont.)

NIGHT JANITORIAL

Murphy, J. J., *Night Supervisor*

Biergiel, J. J.
Brooks, A. W.
Chambers, Mrs. E.
Daly, Mrs. Rose
Dennehy, Mrs. Abbie
Dorgan, Mrs. K.
Dumphy, Mrs. Anna
Ernest, Mrs. Ruth
Forster, Mrs. Julia
Jackson, G. L.
Landry, Mrs. Frances
McCarthy, Mrs. Mary
McCormack, Mrs. Mary
McNamara, Mrs. Mary
Morrison, Mrs. Evelyn
O'Reilly, W. J.
Reed, Alice
Sheehan, Mrs. Ruth
Walsh, Mrs. Annie

DRAFTING AND DESIGN
(Under Engineering Services)

Wylde, C. I., *Department Head*
Bradt, H. G., *Chief Draftsman*

Baghdoyan, Mary
Breed, A. W.
Brush, M. R.
Dalton, G. A.
Freeman, J. H.
Fulkerson, C.
Glynn, F. S.
Gulick, M. B.
Hansen, A.
Horton, H. M.
Johnson, E. G.
Johnson, M. C.
Johnston, Georgina
Kalt, O. C.
Lauriat, L.
MacDonald, H. S.
Malaguti, J. F.
Moulding, Mrs. Bara
Page, Mrs. Florence
Parker, S. B.
Peirce, H.
Pertzoff, C. A.
Pureka, T. T.
Putnam, W. E.
Roberts, F. T.
Romano, T. D.
Smith, H. P.
Swaim, Caroline
Traverse, J. M.
Wolford, C. E.

SECRETARIAL AND CLERICAL

Casavant, June
Corliss, Mary
Delano, Barbara
Haley, Mrs. Mary
Lightner, Elizabeth
Murdock, Laurette
Wright, Mrs. Frances

EXPEDITING AND MATERIALS LIQUIDATION
(Under Procurement Division)

Holland, J. E., Jr., *Department Head*
Currie, W. H., *Expeditor*
Smythe, Mrs. Josephine, *Expeditor*
Rogers, R. C., *Priorities*
Murphy, Mary A., *Secretary*
Reed, Mrs. Sigrid I., *Chief Clerk*
Pugh, Mary, *Clerk*

FIELD STATION LIAISON

Hotchkiss, E. B., *Department Head*
Biel, Jean, *Secretary*
Baker, Mrs. Harriet, *Secretary*
McKenna, Elizabeth, *Secretary*

GUARDS

Linscott, C. H., *Security Officer*
Bouzane, C. M., *Supervisor*
Rogers, H. G., *Supervisor*

Barry, J. J.
Boyle, W. E.
Brennan, J. J.
Coyne, M. D.
Creedon, J. D.
Dayton, R. W.
Dillon, F. J.
Driscoll, T. J.
Grenda, W. A.
Hart, A.
Johnson, J. F.
Kelley, E. J.
Lawrence, G. C.
Litch, J. H.
Martin, W. J.
McMurray, T.
Murphy, M. F.
Regan, D. P.
Rodden, J. J.
Shaw, J.
Stevenson, P.
Tillson, H. V.
Vaughan, V. E.
Whiting, E.
Woodbury, J. R.

INSTRUMENTS

Wilson, V. P., *Department Head*
Whitmore, Priscilla, *Secretary*
Barron, A. J.

SERVICE DEPARTMENTS (Cont.)

KARDEX
(Under Procurement Division)

Kessler, Mrs. Helen, *Department Head*
Bartram, Mrs. Dorothy
Berger, Mrs. Margaret
Brooks, Harriet
Butler, Mrs. Hope
Raymond, Ruth

LIAISON DIVISION

Cullum, A. E., Jr., *Division Head*
Witherell, Audrey, *Secretary*
Leadbetter, Barbara, *Senior Clerk*
Barnard, R. C., *Projects and Records*
Fox, Dorothy, *Secretary*
Bacorn, Barbara, *Coordinator of Proj.Center*
Phippen, Lydia, *Clerk*

Daniell, C. M., *Washington Liaison*
Holt, R. B., *ARL and NRL Liaison*
Hammett, R. L., *Theater Liaison*
Bacorn, Barbara, *Liaison Assistant*
Nonnemaker, Mrs. Ruth, *Secretary*

Jasberg, J. H., *Report Section*
Kolstad, G., *Assistant*
Anton, Martha, *Secretary*
Cola, Irene, *Secretary*
Wright, Marie, *Clerk*

MECHANICAL CONSULTANT

Elliott, H. F.
Horton, Mrs. Rosemary, *Secretary*
Williams, C. P.

MECHANICAL ENGINEERING

Malles, R. E., *Department Head*

Allen, R.	Kelley, L. B.
Barnes, F. R.	Lapidas, M.
Der Hohannesian, G.	Neuberger, G. F.
Gerson, H. I.	Upham, L. D.
Gundlach, H.	Vuilleumier, Olivia

PERSONNEL DEPARTMENT

Sutherland, G., *Personnel Director*
Harrison, W. T., *Advisor*
Hickman, R. W., *Advisor*
Dimick, Carolyn, *Secretary*
Dix, W. S., *Ass't. Personnel Director*
Nile, A. H., *Ass't. Personnel Director*
Jackson, M. Frances, *Office Manager*
Hatch, Barbara
McPartland, Marguerite
Stanley, Elizabeth, *Nurse*
Thomas, Maude, *Selective Service Supervisor*
Giddings, Mrs. Lenore

PHOTOGRAPHY DEPARTMENT
(Under Publishing Department)

Vondermuhll, V., *Head*
Edgell, Mrs. Rosemary
Friedman, R. S.
Hall, M. T.
Murray, Phyllis

PLANNING DIVISION

Rice, J. B., Jr., *Head*
Pannebaker, Mrs. Barbara, *Secretary*
Bishop, Ann, *Secretary*
Carlson, Mrs. Marjorie, *Secretary*
Murphy, Eileen, *Secretary*

Eaton, R. K.	Morley, H. B.
Goodwin, A. B.	Perkins, E. M.
Hedderig, J. K.	Robinson, P. E.
Holland, G. B.	Waechter, P. M.
McGah, J. T.	

PROCUREMENT DIVISION
(Includes Expediting and Materials Liquidation, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

PUBLISHING

Schmitz, E. A., *Division Head*
Donaldson, P. H., *Advisor*
Sawyer, A. E.
Alberg, Alice

ILLUSTRATION

Adams, F. P., *Department Head*
Barnard, Mrs. Katherine
Benjamin, Mae
Bernard, Mary
Bernier, Muriel
Crosby, Mrs. Elinor
Heidt, Mrs. Constance
Wood, Greta

MULTILITH

Sturges, D. R., *Department Head*
Allen, Barbara
Hatfield, Dorothy
Holmes, Mary
Lincoln, Mrs. Helen
Wilding-White, R. Q.

DISTRIBUTION

Peet, O., *Department Head*
Carlson, Phyllis
McLaughlin, Catherine

DUPLICATING

Jellison, Ann, *Department Head*
Barresi, Florence
Loper, Gwendolyn

PURCHASING DEPARTMENT
(Under Procurement Division)

Gibson, F. M., *Purchasing Agent*
Mahoney, Mrs. Dorothy, *Secretary*
Gill, J. A., *Ass't. Purchasing Agent*

Alexander, Mildred
Bowers, Mrs. Mary
Burd, E. D.
Jones, N. E.
Meredith, Carolyn
O'Neill, Margaret
Peterson, Rita
Taft, F. W.

RECEIVING AND SHIPPING ROOM
(Under Procurement Division)

Jones, E. V., *Department Head*
Cail, W. V.
Fawcett, J. C.
Fitzgerald, A. J.
Oleson, C. K.
Rahall, E. F.
Sullivan, D. J.
Szidat, S.
Tice, G. J.
Winstanley, D. J.

STOCKROOM
(Under Procurement Division)

Fogg, E. W., *Manager*
Mulcahey, J. D., *Ass't. Manager*
Crowley, Matilda
Dodd, Doris
Fitzgerald, Eleanor
Fuller, C. G.
Horan, D. J.
Kleinfelder, Ann E.
Koocher, A.
MacArthur, Virginia
MacKinnon, F. R.
MacQuarrie, June
O'Brien, E. R.
Reid, Mrs. Margaret
Trottier, Mrs. Sally
Welch, R. A.
Whitney, A.

SUBCONTRACTING DEPARTMENT
(Under Procurement Division)

Cooke, L. S., *Head*
Lee, Dorothy, *Secretary*

Locke, A. E.
McCullough, M. A.
Scantland, B. B.
Smith, G. M.
Smith, Mrs. Anna

SERVICE DEPARTMENTS (Cont.)

SHOPS DIVISION

Wilkins, A. O., *Director of Shops*

MACHINE SHOP

Zimmerman, J. C., *General Foreman*

MACHINISTS & SHEET METAL WORKERS

Day Shift

Bates, G., *Foreman*
Arnold, N. H.
Ayer, L. H.
Bachand, L. A.
Barba, M. J.
Barrington, K. P.
Batchelder, R. M.
Bjork, A. W.
Brown, H. C.
Carle, A. J.
Davidson, A. J.
Devonshire, H. F.
Erickson, R. W.
Haigh, R. G.
Hanna, K. C.
Hemmerdinger, W. J.
Hood, T. W.
Johansen, E.
Langguth, C. A.
Lawson, Nancy
Mechem, R. C.
Paine, F. W.
Perry, J. W.
Selander, K. H.
Smith, E. B.
Staples, R. S.
Thoresen, T. E.
Usis, S.
Williamson, G. I.

Cushing, D., *Foreman*
Angell, O. R.
Bent, L. T.
Berry, G.
Burgess, D.
Crum, K. L.
Desmond, H. B.
Eastham, Mrs. Myrtle
Farnham, A. E.
Gillis, Mrs. Henrietta
Grow, Frances
Hinch, Virginia
Iverson, Rosalyn
Jones, Evelyn
Kelly, Mrs. Catherine
Kershaw, W. F.
Lyons, Marion
Marston, E. L.
McIlwraith, Mollie
Mooney, Mrs. Frances
Parsons, E.
Petrelli, Leonora
Roberts, J. A.
Rogers, N. I.
Upton, Lillian
Walker, Geraldine
Wellington, Margery
Worthington, Illione
Yule, J. C.

Night Shift

Horne, S. J., *Foreman*
Bonnelli, C.
Cawthron, F.
Christensen, A.
Cooper, F. J.
Doyle, W. A.
Dudley, F. A.
Flaherty, H. F.
Fruzzetti, A. E.
Goodwin, W. R.
Hern, W. A.
Hewitt, F. H.
Hudon, E. E.
Jackson, W. B.
Locke, A. J.
McNally, J. H.
Mehne, F. E.
Morris, R. D.
Parker, F. L.
Porter, L.
Reichenbacher, C. J.
Roy, W. H.
Scherer, G. E.
Smith, R. O.
Stote, R. H.
Sullivan, G.
Watson, E.
Wilder, W. R.

PAINTING & PLATING SHOP

LaRosee, R. L., *Foreman*
Gallagher, J. L.
LeDoux, E.
Mahoney, Mrs. Edith
McClellan, W. F.

TOOL & STOCK DEPARTMENT

Tamm, C. E., *Toll & Stock Supervisor*
Maher, J. J., *Ass't. to Supervisor*

SHOPS OFFICE

Trenchard, Mrs. Mary L., *Secretary*
Booth, Mrs. Elizabeth
Carll, Elma
Gatzke, Lois
Harrington, Ruth
Pofahl, Dorothy
Smith, Ethel
Thomas, Frances

Whittier, M. S., *Production Material Supv'r.*
Brodeur, H. J.
Downey, M.
Higgins, N. G.
MacPherson, S. H.
Pollard, Harriet

Thompson, S. E., *Raw Stock Inspector*
Deming, Elvena
Downing, E. J.
Pollard, L. R.
Ruck, J. F.
Temple, D. H.

Deane, Shirley, *Tool & Stockroom Mgr.*
Fortune, E. M.
Outridge, Mrs. Priscilla
Regan, Barbara
Wheeler, Mrs. Elizabeth

LABORATORY SHOPS

Daley, F. A., *Tool Inspector*
Dow, A. H.
Landfear, A. H.
Ryder, V. P.

TRANSFORMER SHOP

Jacobs, G. B., *Head*
Blum, J. W., *Foreman*
Anastasy, N. L.
Chandonnet, H. J.
Coleman, J. J.
Currier, F. R.
Ivonen, Ann
Strong, H. W.

WINDOW SHOP

Gillespie, J. W., *Foreman*
Potter, Emily, *Forelady*
Barnard, Elizabeth
Chambers, Allegra
Cole, Ruth I.
Greene, Lois D.
Petersen, M.

SERVICE DEPARTMENTS (Concluded)

SWITCHBOARD
(Under Building Operations)

Pearl, Mrs. Marie, *Head Operator*
Burns, Mrs. June
Goodwin, Dorothea
MacIver, C. W.
Power, Loretta
Kelly, Mrs. Gertrude *(nights)*
Mahoney, Mrs. Mary *(on call)*

TRAFFIC DEPARTMENT
(Under Facilities Division)

Bradley, R.F., *Head*
Jones, Mrs. Pauline, *Secretary*
Nibbe, Mrs. Geneva, *Secretary*

MESSENGERS
Lynch, Mary, *Head*
Dunn, Gloria
Dyer, Elizabeth
Harrison, Dorothy
Hutton, Marjorie
Leonard, Louise
Rozon, Dorothy

Smith, Alice, *Telegrams*

DRIVERS
Aldersen, R. E.
Chase, B. A.
Kennedy, G. E.
Lucas, K. A.
Stubbs, R. F.

TRANSITION DIVISION

Brooks, E. D., Jr., *Transition Coordinator*
Frost, Mrs. Beatrice, *Secretary*
Flynn, R. M., *Receiver Section*
Ross, C. C., *Transmitter Section*
Sheets, Mrs. Alice, *Secretary*
Lubin, S., *Test Equipment Section*
Moses, M. G., *Window Section*
Singleton, H. C., *Antenna Section*
Melbye, Margaret, *Secretary*
Scott, R. C., *A-500C Section*
MacKechnie, H. K., *Assistant*
Taylor, J. B., *Transition Allocations*
Anderson, Jean, *Secretary*
Enright, Eleanor, *Secretary*
Butler, Marjorie, *Clerk*
Alden, E. R. *Transition Instrument Room*
McLaughlin, H. C., *Assistant*
Olson, Mrs. Vivian, *Clerk*

WOODSHOP & PLASTICS
(Under Facilities Division)

Hart, F. R., *Superintendent*
Ryan, Mrs. Marianne, *Secretary*
Vigliotti, L. H., *Foreman*
Andersen, H. L.
Earle, R. G.
Harrison, R.
Holland, W. R.
Jackson, H. W.
Portanova, J. R.
Shaw, G. E.

CONSULTANTS

Allaire, R. P.
Ashby, R. M.
Boring, E. G.
Chaffee, E. L.
Chu, L. J.
Clogston, A. M.
Collins, G. B.
Connelly, C. M.
Cork, B. B.
Evernart, E.
Feldmeier, J.
Gaither, H. R.
Garman, R. L.
Goldmark, P. C.
Goudsmit, S. A.
Guillemin, E. A.
Hendricks, P. S.
Hinkley, J. W.
Johnson, H. M.
Jordan, W. H.
Knipp, J.
Lawson, J. L.
Liebowitz, B.
Linford, L. B.
Marshall, L. C.
McCreary, R. L.
Musgrave, A. B.
Nelson, R. R.
Peterson, A. P.
Reedy, P. H.
Rollefson, R.
Sather, O.
Serrell, R.
Smith, W. V.
Stone, A. M.
Tape, G. T.
Uhlenbeck, G.
Wallman, H.
White, D. G.
Van Atta, L. C.

FIELD MISSIONS

Barnes, R. B.
Cohn, S. B.
Cullum, A. E.
Foster, J. S.
Kuiper, G. P.
MacQuivey, D. R.
Moran, J. M.
Taylor, D. W.

UNASSIGNED

Raymond, R. C.
Shaw, R. H.

AMERICAN-BRITISH LABORATORY OF DIVISION 15

Dyer, J. N., *Director*
Kustler, Gladys, *Secretary*

Cahill, F. C.
Associate Technical Director

Fraenkel, V. H., *Consultant*

Chase, J. P., *Associate Administrative Director*

RESEARCH PERSONNEL

Cahill, F. C., *Associate Technical Director*

Adams, M. B.
Avery, R. E.
Bain, R. K.
Case, Mrs. Margaret
Caufield, W. B.
Clade, W. W.
Foster, H. G.
Fubini, Eugene
Gariepy, E.
Goble, A. T.
Granger, J. V.
Henkel, R. L.
Hollywood, J. M.
Horner, Grace
Hussey, F. L.
Keuffel, J. W.
King, R. C.
Klemm, G. H.
Kuhn, T. S.
Larsen, L. C.
Lebenbaum, M. T.
Lewis, R. F.
Lusted, L. B.
McCouch, G. P.
Miller, E. W.
Noe, J. D.
Reynolds, D. K.
Robbiano, P. P.
Stangroom, H. J.
Stephenson, J. G.
Villard, O. G., Jr.
Wilner, J. T.
Wilson, R. E.

SECRETARIAL STAFF

Baldwin, Rosemary
Dale, Muriel
Fenn, Eva
Gilbert, Doris
Gray, Virginia
Kustler, Gladys
Mumford, Katherine
Palm, Doris
Rowlands, Corinne, *Records and Documents*
Kaspar, Rosalind, *Teletype Operator*
Van Zandt, Jean, *Clerk*

SERVICE DIVISION

Chase, J. P., *Assoc. Administrative Director*
Francis, E. L., *Business Manager*
Clarke, L. L., *Ass't. to Business Manager*
MacKillop, H., *Accountant*

DRAFTSMEN

Cate, A. R.
LeBoutillier, G. T.

MACHINISTS

Brown, C. H., *Foreman*
Burns, E.
Covey, K. R.
Failla, C. F.
Rheaume, R. A.
Van Dyke, R. E.
White, J. W.

STOCKROOM

Darcy, H. N., *Manager*
Meek, Helen, *Clerk*
Moakler, Beatrice, *Clerk*

HANDYMAN-MECHANIC

Sullivan, J. T.

RESTRICTED

R·R·L·
PERSONNEL DIRECTORY

NOVEMBER 1, 1944

RADIO RESEARCH LABORATORY

RESTRICTED

RADIO RESEARCH LABORATORY
PERSONNEL DIRECTORY
November 1, 1944

F. E. TERMAN, *Director*
A. E. CULLUM, *Associate Director*
J. F. BRYNE, *Executive Engineer*
N. P. BREED, *Business Manager*

NDRC — Division 15 Committee

Suits, C. G., *Chairman*
Black, K. C.
DuBridge, L. A.
Jolliffe, C. B.
Moore, J. H.
Potter, R. K.
Terman, F. E.

Army Liaison Office

Signal Corps

Dodge, A. O., Lt. Col., *Liaison Officer*
Duffy, D. P., Capt., *Officer in Charge*
Anderson, N. E., 1st Lt., *Liaison Ass't.*
Hammer, W. A., 1st Lt., *Liaison Ass't.*
Johnson, R. A., 1st Lt., *Liaison Ass't.*
Kerns, D. M., 1st Lt., *Test Equipment*
LaRochelle, J. A., 1st Lt., *Property*
Smillie, Claudia, *Secretary*
Gifford, Louise, *Secretary*

Air Force

Summers, I. A., Capt., *Liaison Officer*
Chambers, W. E., Jr., 1st Lt., *Liaison Ass't.*
Brown, Margaret, *Secretary*

Bedford Army Air Field

Wright, C. L., Lt. Col., *Commanding Officer*
First Experimental Electronics Unit
Mullin, J. J., Lt. Col., *Commanding Officer*

Director's Office

Terman, F. E., *Director*
Mudge, Elizabeth, *Administrative Assistant*
Hubbard, Elizabeth, *Secretary*
Cullum, A. E., *Associate Director*
Witherell, Audrey, *Secretary*
Holt, R. B., *Field Station Liaison*
Biel, Jean, *Secretary*
Oliphant, C. W., *Ass't. to Director*
Aschauer, Jane, *Secretary*

NDRC — Division 15, Technical Aide

Harris, D. B., *Technical Aide*
Albrecht, H. W., *Technical Aide*
Arau, Lucine, *Secretary*
Felton, Katherine, *Secretary*
McCabe, Mrs. Margaret, *Secretary*
Regan, Ellen, *Secretary*
Bresnan, Mrs. Helen M., *Clerk*
Walker, Madeline, *Clerk*

Navy Liaison Office

Ferrier, D. T., Comdr., USN (Ret.)
Mains, M. C., Lt. Comdr., USN (Ret.)
Mitchell, J. K., Lt., USNR
Graham, J. W., Lt., USNR
Fryer, E. M., Lt., USNR
Bisby, J. F., Lt., USNR
Goerger, O. R., Lt., USNR
Campbell, J. P., Lt., USNR
Clarke, L. G., Ens., USNR
Bergemann, R. J., Jr., Ens., USNR
Stoddard, C. N.
Holmes, A. Louise, *Secretary*
Kenney, Mrs. Jean, *Secretary*
Lyons, Joselyn, *Secretary*
Smith, Margaret, *Secretary*

Project Cast

Christensen, H., Comdr., USNR

Executive Engineer

Byrne, J. F., *Executive Engineer*
Cushman, R. W.
Steele, Mrs. Ellen, *Secretary*

Business Manager's Office

Breed, N. P., *Business Manager*
Turner, Louise, *Secretary*

RESEARCH DIVISION OFFICES

A/J Division

O'Brien, R. S., *Division Head*
*Farley, W. W., *Ass't. Division Head (Systems Field Testing)*
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*

Field Testing Division

Peterson, D. A., *Division Head, & Head of Apparatus Field Testing*
Fairbanks, Mrs. Doris, *Secretary*
Youngblood, J. F., *Acting Director, Florosa Field Station*
*Farley, W. W., *Systems Field Testing*

Transmitter Division

(Formerly Groups B & F)
Yunker, E. A., *Division Head*
Geary, E. Catherine, *Secretary*
Taylor, Emma T., *Secretary*

Receiver Division

Hulstede, G., *Division Head*
Pettit, J. M., *Ass't. Division Head*
Bain, Mrs. Gladys, *Secretary*
*Buss, R. R., *Group Leader, D*
Christensen, J. W., *Group Leader, C*
Woods, J. P., *Group Leader, Q*

Research and Analysis Division

Van Vleck, J. H., *Division Head*
Bloch, F., *Ass't. Division Head*
Cobine, J. D., *Group Leader, H*
*Sard, R. D., *Head, Document Room*
Van Vleck, J. H., *Group Leader, G*
*Kuiper, G. P. } *Window*
Whipple, F. L. }

RESEARCH AND ALLIED GROUPS

Group A

Salisbury, W. W., *Group Leader*
Pease, Mrs. Beulah, *Secretary*
Dow, W. G., *Ass't. Group Leader*
Griggs, Charlotte, *Secretary*
Livingood, J. J., *Ass't. Group Leader*

Ambroseno, B.
Artman, R. G.
Black, J. R.
Cary, R. J.
Crawford, F. H.
Donovan, W. F.
Duggan, J. R.
Early, H. C.
Galt, J. K.
Gottlieb, M. B.
Green, R. W.
Hansen, N. O.
Hare, M. D.
Hawes, A. R.
Hok, C. G.
Knight, G. A.
Krones, R.
Lazarus, D.
Leonard, Virginia
Mable, R.
McNees, S. G.
Ohlsson, R. L.
O'Neill, H. T.
Otis, C. F.
Owen, E. W.
Packard, R. H.
Park, D. A.
Parker, G. W.
Pease, M. C.
Powers, E. P.
Record, F. A.
Shuler, E. W.
Symonds, A. V.
Turnbull, J. C.
Welch, E. S., Jr.
Welch, H. W., Jr.

Bailey, F. J., Deisel Engineer

A/J Division

O'Brien, R. S., *Division Head*
*Farley, W. W., *Ass't. Division Head (Systems Field Testing)*
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*

Anger, H. O.
Ashus, A.
Brill, E. R.
Cook, Vivian
Davis, K. A.
Ericksen, R. J.
Grant, L. E.
Gray, C.
Hoglund, R. H.
Kaisel, S. F.
Keck, A.
Kell, R. E.
O'Brien, Mrs. Mary
Oinonen, K. W.
Pan, W. Y.
Scheuch, D. R.
Towle, M. L.
Woodruff, J. H.

* Field Missions.

Group C
(Under Receiver Division)

Christensen, J. W., *Group Leader*
White, Shirlee, *Clerk*

Corbin, P. M.
D'Addario, M. J.
Hatch, R. M.
Loomis, C. C.
Morgan, A. N.
Moyer, R. C.
Norton, R. A.
Overfield, Muriel
Pearson, P. A.
Strong, H. W.
Wedel, J. J.

Group D
(Under Receiver Division)

*Buss, R. R., *Group Leader*
Pollard, Helen, *Secretary*

Clark, C. B.
Dudley, T. C.
Griffin, S. J.
Heintz, R. M.
Kamphoefner, F. J.
Lebenbaum, M. T.
McIntee, W. E.
Petrich, R. O.
Rakestraw, D. L.
Riemitis, C.
Whitby, O. W.

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Document Room

*Sard, R. D., *Head*
Hamermesh, M., *Acting Head*

Ladd, Mary Elizabeth
Beardslee, Betsy R.
Cox, Mrs. Marjorie
Cotter, Helen
Desjardins, Jean
Robertson, Beverly
Stewart, Mrs. Mildred

Editorial Director's Office

Reich, H. J., *Editorial Director*
Halloran, A. H.
Keck, Mrs. Barbara, *Secretary*

Field Testing Division

Peterson, D. A., *Division Head & Head of Apparatus Field Testing*
Fairbanks, Mrs. Doris, *Secretary*
Hagen, G. D.
*Farley, W. W., *Systems Field Testing*
Youngblood, J. F., *Florosa Field Station*

Group G

Van Vleck, J. H., *Group Leader*
Bloch, F., *Ass't., Group Leader*

Farnsworth, Mary Jane
Foster, D. D.
Hamermesh, M.
Middleton, D.
Pressly, Eleanor
*Sard, R. D.
Sutro, P. J.
Weinstock, R.

(Window)

Whipple, F. L.
*Kuiper, G. P.
Strong, Mrs. Phyllis, *Secretary*

Levine, J.
Taylor, D. W.
Tyler, A. W.
Wallour, C.

Window Shop

Potter, Mrs. Emily, *Forelady*

Chambers, Mrs. Allegra
Chaney, Margaret M.

Group H

Cobine, J. D., *Group Leader*
Knipp, Mrs. Christine, *Secretary*

Curry, J. R.
Gallagher, C. J.
Gratrix, H. A.
Jastram, P. S.
Ruthberg, S.
Sanders, G. C.

Invention Disclosures

Oliphant, C. W., *Ass't. to Director*
Aschauer, Jane, *Secretary*

Brown, I. M.
Jameson, Marie E.
Nash, Mrs. Mary
Nile, A. H. (*Ex Officio*)

Group M

Alford, A., *Group Leader*
Gerrie, Elizabeth, *Secretary*
Ingalls, Evelyn, *Secretary*

Ayer, L. H.
Barkofsky, E. C.
Benard, T. H.
Beraducci, S.
Beucler, J. F.
Bock, E. L.
Clark, H. K.
Dorne, A.
Driscoll, Clare
Gage, W. M.
Goozay, R. D.
Harbury, P. L.
Harring, D. M.
Haskell, M. W.
Heavey, Mrs. Martha
Hudon, O.
Kolstad, G. A.
Kraus, J. D.
Margolin, J.
McGuigan, W. D.
McSheehy, W. H.
Minot, H. P.
Mizen, C. A.
Nelson, Jessie
Peterson, A.
Pride, D. W.
Shaw, Eleanor
Smith, N.
Swinney, J. G. C., Jr.
Wilhoit, D. I.

* Field Missions.

Group P — Florosa Field Station

Youngblood, J. F., *Acting Director*
Pendergrast, C. F., *Business Manager*
Nutt, R. S., *Secretary*

Anderson, R. E.
Vermillion, R. K.
Wartzok, D. F.

Progress Reports

Holt, R. B.
Daley, Jean, *Secretary*

Group Q
(Under Receiver Division)

Woods, J. P., *Group Leader*
Sturtevant, Barbara, *Secretary*

Boodry, G. E.
Fine, F. R.
Howe, S. D.
Huggins, W. H.
Kearney, J. W.
Manning, L. A.
Moizeau, Mrs. E.
Moore, T. E.
Rambo, W. R.
Tuck, L. D.
Wadey, W. G.
Webster, R. R.
Wills, R. C.
Wrobleski, W. D.
Zeidler, H. M.

Receiver Division

Hulstede, G., *Division Head*
Pettit, J. M., *Ass't. Division Head*
Bain, Mrs. Gladys, *Secretary*

(See Groups C, D, and Q)

Special Project Section

Raymond, R. C., *Head*
Richards, P. I.
Sturtevant, Barbara, *Secretary*

Test and Standards Division

*Monroe, R. B., *Head*
Gager, F. M., *Acting Head*
Tuttle, Virginia, *Secretary*

Belles, H. W.
Chase, Arbella
Cooley, R. D.
Crispell, H. L.
Halberstadt, E.
Lord, W. W.
Marshall, J. R.
Navid, B. N.
Norton, R. S.
O'Brien, R. G.
Rhiger, R. R.
Riley, J. C.
Zucker, F. J.

Transmitter Division
(Formerly Groups B & F)

Yunker, E. A., *Division Head*
Geary, E. Catherine, *Secretary*
Taylor, Emma T., *Secretary*

Aims, B. P.
Barrett, E.
Berggren, E. J.
Bridgeford, G. R.
Clark, J. L.
Defeo, A. A.
Ellis, A. R.
Gardner, G. W.
Googins, W.
Haffenreffer, Mrs. M.
Howes, D. E.
Hunt, J. M.
Hurley, W. A.
Kees, H.
Kriegel, H. C.
Loebel, Lewald
Mayberry, L. A.
Murray, Helen
Raburn, L. E.
Reich, H. J.
Reid, R. E.
Shattuck, Mrs. M.
Steigerwalt, O. I.
Turner, A. T.
White, W. D.
Wickles, F. J.
Wilson, B. J.

Group U

Overacker, H. E., *Group Leader*

Ayer, H. C.
Boynton, W. H.
Bruns, R. A.
Crowley, Matilda
Eames, A. M.
Hadley, C. F.
Jeffries, C. D.
Soderman, R. A.
Wholey, W. B.

Group Y
(Under Engineering Services)

Plotts, E. L., *Group Leader*
Pfaff, Jean, *Secretary*

Design and Production Coordination

Plotts, E. L., *Head*
Eldredge, J. H., Jr.
Morehouse, G. D.
Smith, E. C.

Test

*Deakins, G. E., *Head*
Brockman, M. H., *Acting Head*
Applegate, G. W.
Billington, E. P.
Dowell, M. R.
Lee, C. F.

Assembly

Evans, G. E., *Head*
Baldwin, C. P.
Barbee, Mrs. Katherine
Berry, Mrs. Arline
Bixby, Jessie
Boratgis, J. P.
Brown, P. M.
Ceriello, J. M.
Fallon, June
Fernald, Mrs. Margaret
Frickey, Florence
Gorton, Mavis
Hagen, Ethel
Harding, Eleanor
Harding, R. W.
Leave, F. R.
Meyer, Mrs. Hope
Rosenberg, H. W.
Strick, H. A.
Styles, R. A.

* Field Mission.

SERVICE DIVISION OFFICES

Accounting Division
(Includes General Accounting and Perpetual Inventory)
Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*

Engineering Services
(Coordinates Group Y, Drafting and Design, Shops, and Planning)
Dunleavey, F. S., *Production Supervisor*
Abbott, Priscilla A., *Secretary*
Kelly, Virginia R., *Secretary*

Facilities Division
(Includes Building Operations, Traffic Department, Woodshop and Plastics)
Bowditch, E. F., *Division Head*
Adams, Virginia, *Secretary*

Liaison Division
*Cullum, A. E., *Division Head*
Witherell, Audrey, *Secretary*

Procurement Division
(Includes Expediting and Materials Liquidation, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)
Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

Transition Division
Brooks, E. D., *Transition Coordinator*
Frost, Mrs. Beatrice, *Secretary*

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* Field Mission.

Accounting Division

Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*
McGillicuddy, J. B.
Baker, J. H.
Maynard, F. W.

General Accounting

Lunden, F. O.,
Cleeves, Mrs. Laura, *Secretary*
Anderson, Julia
Balzer, Barbara
Barker, Helen
Bradbury, Mrs. Ailene
Cohen, A.
Damon, Irene
Ghikas, Phalia
Horvath, Rita
Kay, Jean
Kelson, Edna
Martin, Emily
Okstein, Lillian
Prebensen, Dorothea
Proctor, Jean
Robinson, Mrs. Rita
Sheridan, Mildred
Turner, Mildred
Yacobian, Lucy

Perpetual Inventory

Elbery, W. P., *Head*
Danehy, E. J.
Deary, F. J.
Dukeshire, H. B.
Peterson, E. F.
Wall, J. J.

Airport

Sutherlen, G. R., *Head*
Lepos, Blanche, *Secretary*
Bearse, D.
Gillespie, J. W.
Hartel, E.
Phillips, A. B.
Sullivan, J. C.

Building Operations
(Under Facilities Division)

Cutter, W. G., *Department Head*
Power, Loretta (*Keys*)
Bishop, Irene (*Stationery Stock*)
McHugh, Mary (*Ass't. Stationery Stock*)

Utility Men

Davin, W. J., *Head*
Grover, L. C.
MacArthur, R.
Massey, G. H.
Morano, J.
Nestor, M. T.

Elevator Operators

Bowden, C. W.
Melanson, T. E.

Matron

Whalen, Mrs. Kathleen

Night Janitorial

Murphy, J. J., *Night Supervisor*
Biergiel, J. J.
Brooks, A. W.
Chambers, Mrs. E.
Cullity, Mrs. Nora
Daly, Mrs. Rose
Dennehy, Mrs. Abbie
Dorgan, Mrs. K.
Dumphy, Mrs. Anna
Forster, Mrs. Julia
Jackson, G. L.
Landry, Mrs. Frances
McCarthy, Mrs. Mary
McCormack, Mrs. Mary
McNamara, Mrs. Mary
O'Reilly, W. J.
Reed, Alice
Sheehan, Mrs. Ruth
Walsh, Mrs. Annie

Drafting and Design
(Under Engineering Services)

Wylde, C. I., *Department Head*
Bradt, H. G., *Chief Draftsman*
Breed, A. W.
Brush, M. R.
Dalton, G. A.
Freeman, J. H.
Fulkerson, C.
Glynn, F. S.
Gulick, M. B.
Hansen, A.
Horton, H. M.
Johnson, E. G.
Johnson, M. C.
Johnston, Georgina
Kalt, O. C.
Kennedy, R. W.
Lauriat, L.
MacDonald, H. S.
Malaguti, J. F.
Moulding, Mrs. Bara
Parker, S. B.
Peirce, H.
Pertzoff, C. A.
Pureka, T. T.
Putnam, W. E.
Romano, T. D.
Shaw, R. H.
Smith, H. P.
Swaim, Caroline
Traverse, J. M.
Wolford, C. E.

Secretarial and Clerical

Casavant, June
Corliss, Mary
Haley, Mrs. Mary
Lightner, Elizabeth
Murdock, Laurette
Petrow, Jennie
Wright, Mrs. Frances

Expediting and Materials Liquidation
(Under Procurement Division)

Holland, J. E., Jr., *Department Head*
Currie, W. H., *Expeditor*
Smythe, Mrs. Josephine, *Expeditor*
Rogers, R. C., *Priorities*
Murphy, Mary A., *Secretary*
Reed, Mrs. Sigrid I., *Chief Clerk*
Pugh, Mary, *Clerk*

Field Station Liaison

Holt, R. B., *Department Head*
Biel, Jean, *Secretary*
Baker, Mrs. Harriet, *Secretary*
Daley, Jean, *Secretary*
McKenna, Elizabeth, *Secretary*

SERVICE DEPARTMENTS (*Continued*)

Guards

Linscott, C. H., *Security Officer*
Bouzane, C. M., *Supervisor*
Rogers, H. G., *Supervisor*

Barry, J. J.
Boyle, W. E.
Brennan, J. J.
Coyne, M. D.
Creedon, J. D.
Dayton, R. W.
Dillon, F. J.
Driscoll, T. J.
Hart, A.
Howard, R. A.
Johnson, J. F.
Kelley, E. J.
Lawrence, G. C.
Litch, J. H.
Martin, W. J.
McMurray, T.
Murphy, M. F.
Panagos, P.
Regan, D. P.
Rodden, J. J.
Shaw, J.
Shaw, W. S.
Stevenson, P.
Tillson, H. V.
Vaughan, V. E.
Whiting, E.
Woodbury, J. R.

Instruments

Wilson, V. P., *Department Head*
Whitmore, Priscilla, *Secretary*
Barron, A. J.

Kardex

(Under Procurement Division)

Bartram, Mrs. Dorothy, *Department Head*

Berger, Mrs. Margaret
Brooks, Harriet
Butler, Mrs. Hope
Raymond, Ruth

Liaison Division

*Cullum, A. E., Jr., *Division Head*
Witherell, Audrey, *Secretary*
Leadbetter, Barbara, *Senior Clerk*
Barnard, R. C., *Projects and Records*
Fox, Dorothy, *Secretary*
Lees, Mrs. Mary, *Secretary*
Bacorn, Barbara, *Coordinator of Proj. Center*
Phippen, Lydia, *Clerk*

Daniell, C. M., *Washington Liaison*
Holt, R. B., *ARL and NRL Liaison*
Hammett, R. L., *Theater Liaison*
Bacorn, Barbara, *Liaison Assistant*
Nonnemaker, Mrs. Ruth, *Secretary*

Jasberg, J. H., *Report Section*
Anton, Martha, *Secretary*
Cola, Irene, *Secretary*
Wright, Marie, *Clerk*

* Field Mission.

Mechanical Consultant

Elliott, H. F.
Williams, C. P.

Mechanical Engineering

Malles, R. E., *Department Head*

Allen, R.
Barnes, F. R.
Der Hohannesian, G.
Gerson, H. I.
Gundlach, H.
Kelley, L. B.
Lapidas, M.
Neuberger, G. F.
Upham, L. D.
Vuilleumier, Olivia

Personnel Department

Sutherland, G., *Personnel Director*
Hickman, R. W., *Advisor*
Dimick, Carolyn, *Secretary*
Dix, W. S., *Ass't. Personnel Director*
Nile, A. H., *Ass't. Personnel Director*
Jackson, Mrs. M. Frances, *Office Manager*
Bonney, Ruth
Dunlap, Mrs. Grace
Hatch, Barbara
McPartland, Marguerite
Stanley, Mrs. Elizabeth, *Nurse*
Thomas, Maude, *Selective Service Supervisor*
Giddings, Mrs. Lenore

Photography Department

(Under Publishing Department)

Friedman, R. S., *Head*

Edgell, Mrs. Rosemary
Hall, M. T.
Murray, Phyllis

Planning Division

Rice, J. B., Jr., *Head*
Pannebaker, Mrs. Barbara, *Secretary*
Bishop, Ann, *Secretary*
Carlson, Mrs. Marjorie, *Secretary*
Hart, Mrs. Frances E., *Secretary*

Eaton, R. K.
Goodwin, A. B.
Holland, G. B.
Jacobs, G. B.
McGah, J. T.
Morley, H. B.
Perkins, E. M.
Robinson, P. E.
Waechter, P. M.

Procurement Division

(Includes Expediting and Materials Liquidation, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

Publishing

Schmitz, E. A., *Division Head*
Donaldson, P. H., *Advisor*
Sawyer, A. E., *Production Manager*
Malcolm, Margaret

Illustration

Adams, F. P., *Department Head*

Barnard, Mrs. Katherine
Benjamin, Mae
Bernard, Mary
Bernier, Muriel
Crosby, Mrs. Elinor
Heidt, Mrs. Constance
Last, F. N.
Wood, Greta

Multilith

Sturges, D. R., *Department Head*

Allen, Barbara
Hatfield, Dorothy
Holmes, Mary
Wilding-White, R. Q.

Distribution

Peet, O., *Department Head*

Carlson, Phyllis
Kessler, Mrs. Helen
Pinney, Mrs. Iva

Duplicating

Jellison, Ann, *Department Head*

Barresi, Florence
Loper, Gwendolyn
Savoy, Patricia

Purchasing Department
(Under Procurement Division)

Gibson, F. M., *Purchasing Agent*
Gill, J. A., *Ass't. Purchasing Agent*

Alexander, Mildred
Bowers, Mrs. Mary
Burd, E. D.
Gowtage, Mrs. Norma A.
Jones, N. E.
Meredith, Carolyn
O'Neill, Margaret
Peterson, Rita
Taft, F. W.

Receiving and Shipping Room
(Under Procurement Division)

Jones, E. V., *Department Head*

Cail, W. V.
Dawson, F. C.
Fawcett, J. C.
Fitzgerald, A. J.
Oleson, C. K.
Szidat, S.
Tice, G. J.
Winstanley, D. J.

Stockroom
(Under Procurement Division)

Fogg, E. W., *Manager*
Mulcahey, J. D., *Ass't. Manager*

Fitzgerald, Eleanor
Fuller, C. G.
Kleinfelder, Ann E.
Koocher, A.
MacKinnon, F. R.
MacQuarrie, June
McDonnell, Barbara A.
O'Brien, E. R.
Reid, Mrs. Margaret
Trottier, Mrs. Sally
Welch, R. A.
Whitney, A.

Subcontracting Department
(Under Procurement Division)

Cooke, L. S., *Head*
Lee, Dorothy, *Secretary*

Locke, A. E.
McCullough, M. A.
Scantland, B. B.
Smith, G. M.
Smith, Mrs. Anna

SHOPS DIVISION

Wilkins, A. O., *Director of Shops*

Machine Shop

Zimmerman, J. C., *General Foreman*
Machinists & Sheet Metal Workers

Day Shift

Bates, G., *Foreman*
Arnold, N. H.
Bachand, L. A.
Barba, M. J.
Barrington, K. P.
Batchelder, R. M.
Bjork, A. W.
Brown, H. C.
Carle, A. J.
Davidson, A. J.
Devonshire, H. F.
Erickson, R. W.
Haigh, R. G.
Hanna, K. C.
Hemmerdinger, W. J.
Hood, T. W.
Johansen, E.
Kershaw, W. F.
Langguth, C. A.
Lawson, Nancy
Livingston, G. P.
Mechem, R. C.
Paine, F. W.
Perry, J. W.
Selander, K. H.
Smith, E. B.
Staples, R. S.
Thoresen, T. E.
Usis, S.
Williamson, G. I.

Cushing, D., *Foreman*
Angell, O. R.
Bent, L. T.
Berry, G.
Burgess, D.
Crum, K. L.
D'Angelo, Nina
Desmond, H. B.
Eastham, Mrs. Myrtle
Farnham, A. E.
Gillis, Mrs. Henrietta
Grow, Frances
Hinch, Virginia
Jones, Evelyn
Kelly, Mrs. Catherine
Lyons, Marion
Marston, E. L.
McIlwraith, Mollie
Petrelli, Leonora
Roberts, J. A.
Rogers, N. I.
Upton, Lillian
Walker, Geraldine
Wellington, Margery
Worthington, Illione
Yule, J. C.

Night Shift

Horne, S. L., *Foreman*
Cawthron, F.
Christensen, A.
Cooper, F. J.
Dow, Ernest H.
Doyle, W. A.
Dudley, F. A.
Flaherty, H. F.
Fruzzetti, A. E.
Goodwin, W. R.
Hewitt, F. H.
Hudon, E. E.
Jackson, W. B.
Locke, A. J.

McNally, J. H.
Mehne, F. E.
Morris, R. D.
Parker, F. L.
Porter, L.
Reichenbacher, C. J.
Roy, W. H.
Schribner, L. A.
Smith, R. O.
Stote, R. H.
Sullivan, G.
Tosi, Albert L.
Watkins, J.
Watson, E.

Painting & Plating Shop

LaRosee, R. L., *Foreman*
Gallagher, J. L.
LeDoux, E.
Mahoney, Mrs. Edith
McClellan, W. F.
Parsons, E.

Shops Office

Tamm, C. E., *Administrative Supervisor of Shops*
Maher, J. J., *Assistant to Supervisor*

Trenchard, Mrs. Mary L., *Secretary*
Booth, Mrs. Elizabeth
Carll, Elma
Gatzke, Lois
Harrington, Ruth
Pofahl, Dorothy
Smith, Ethel
Thomas, Frances

Tool & Stock Department

Whittier, M. S., *Production Material Supervisor*
Beach, Barbara
Brodeur, H. J.
Downey, M.
Higgins, N. G.
MacPherson, S. H.
Pollard, Harriet
Tompson, S. E., *Raw Stock Inspector*
Breed, B.
Deming, Elvena
Downing, E. J.
Pollard, L. R.
Ruck, J. F.
Sargent, E.

Wheeler, Mrs. Elizabeth, *Ass't Tool & Stockroom Mgr.*
Fortune, E. M.
Regan, Barbara

Laboratory Shops

Daley, F. A., *Tool Inspector*
Dow, A. H.
Landfear, A. H.

Transformer Shop

Blum, J. W., *Foreman*
Anastasy, N. L.
Chandonnet, H. J.
Coleman, J. J.
Currier, F. R.
Ivonen, Ann
Morse, C. H.
Ottaviani, Marie
Temple, D. H.

Window Shop

Potter, Emily, *Forelady*
Chambers, Allegra
Chaney, Margaret

Switchboard
(Under Building Operations)

Pearl, Mrs. Marie, *Head Operator*

Burns, Mrs. June
Goodwin, Dorothea
Hewson, Georgette
MacIver, C. W.
Salvucci, Katherine
Kelly, Mrs. Gertrude (*nights*)
Mahoney, Mrs. Mary (*on call*)

Traffic Department
(Under Facilities Division)

Bradley, R. F., *Head*
Jones, Mrs. Pauline, *Secretary*
Nibbe, Mrs. Geneva, *Secretary*
Harrison, Dorothy, *Clerk*

Messengers

Lynch, Mary, *Head*
Dunn, Gloria
Dyer, Elizabeth
Hutton, Marjorie
Leonard, Louise
Rozon, Dorothy

Smith, Alice, *Telegrams*

Drivers

Aldersen, R. E.
Chase, B. A.
Kennedy, G. E.
Lucas, K. A.
Stubbs, R. F.

Transition Division

Brooks, E. D., Jr., *Transition Coordinator*
Frost, Mrs. Beatrice, *Secretary*
Flynn, R. M., *Receiver Section*
Ross, C. C., *Transmitter Section*
Sheets, Mrs. Alice, *Secretary*
Lubin, S., *Test Equipment Section*
Moses, M. G., *Window Section*
Singleton, H. C., *Antenna Section*
Melbye, Margaret, *Secretary*
Scott, R. C., *A-500C Section*
MacKechnie, H. K., *Assistant*
MacQuivey, D. R., *Transition Allocations*
Anderson, Jean, *Secretary*
Enright, Eleanor, *Secretary*
Butler, Marjorie, *Clerk*
Alden, E. R., *Transition Instrument Room*
McLaughlin, H. C., *Assistant*

Woodshop & Plastics
(Under Facilities Division)

Hart, F. R., *Superintendent*
Cotter, Helen, *Secretary*

Vigliotti, L. H., *Foreman*
Andersen, H. L.
Annis, F. R.
Earle, R. G.
Harrison, R.
Holland, W. R.
Jackson, H. W.
Portanova, J. R.
Shaw, G. E.

Consultants

Allaire, R. P.
Ashby, R. M.
Boring, E. G.
Chaffee, E. L.
Chu, L. J.
Clogston, A. M.
Collins, G. B.
Connelly, C. M.
Cork, B. B.
Everhart, E.
Feldmeier, J.
Gaither, H. R.
Garman, R. L.
Goldmark, P. C.
Goudsmit, S. A.
Guillemin, E. A.
Harrison, W. T.
Hendricks, P. S.
Hinkley, J. W.
Howard, J. K.
Johnson, H. M.
Jordan, W. H.
Knipp, J.
Lawson, J. L.
Liebowitz, B.
Linford, L. B.
Marshall, L. C.
McCreary, R. L.
Musgrave, A. B.
Nelson, R. R.
Peterson, A. P.
Reedy, P. H.
Rollefson, R.
Sather, O.
Serrell, R.
Smith, W. V.
Stone, A. M.
Tape, G. T.
Uhlenbeck, G.
Wallman, H.
White, D. G.
Van Atta, L. C.

Field Missions

Barnes, R. B.
Buss, R.
Cohn, S. B.
Cullum, A. E.
Deakins, G. E.
Farley, W. W.
Foster, J. S.
Kuiper, G. P.
Monroe, R. B.
Moran, J. M.
Sard, R. D.
Stucke, A. F.
Wittkopf, J. J.

AMERICAN-BRITISH LABORATORY OF DIVISION 15

Dyer, J. N., *Director*
Kustler, Gladys, *Secretary*

Cahill, F. C., *Associate Technical Director*
Chase, J. P., *Associate Administrative Director*

Fraenkel, V. H., *Consultant*

Research Personnel

Cahill, F. C., *Associate Technical Director*

Adams, M. B.
Avery, R. E.
Bain, R. K.
Case, Mrs. Margaret
Caufield, W. B.
Clade, W. W.
Farrell, W. E.
Fubini, Eugene
Gariepy, E.
Goble, A. T.
Granger, J. V.
Henkel, R. L.
Hollywood, J. M.
Horner, Grace
Hussey, F. L.
Keeler, P. M.
Keuffel, J. W.
King, R. C.
Klemm, G. H.
Kuck, B. M.
Kuhn, T. S.
Larsen, L. C.
Lewis, R. F.
Lusted, L. B.
McCouch, G. P.
Miller, E. W.
Noe, J. D.
Park, D. A.
Reynolds, D. K.
Robbiano, P. P.
Stangroom, H. J.
Stephenson, J. G.
Villard, O. G., Jr.
Wilson, R. E.

Secretarial Staff

Baldwin, Rosemary
Clark, Shirley
Dale, Muriel
Fenn, Eva
Gilbert, Doris
Gray, Virginia
Kustler, Gladys
Mumford, Katherine
Palm, Doris
Rowlands, Corinne, *Records and Documents*
Kaspar, Rosalind, *Teletype Operator*
Van Zandt, Jean, *Clerk*

Service Division

Chase, J. P., *Associate Administrative Director*
Francis, E. L., *Business Manager*
Clarke, L. L., *Ass't. to Business Manager*
MacKillop, H., *Accountant*

Draftsmen

Cate, A. R.
LeBoutillier, G. T.

Machinists

Brown, C. H., *Foreman*
Burns, E.
Covey, K. R.
Failla, C. F.
Rheaume, R. A.
Van Dyke, R. E.
White, J. W.

Mechanical Assistant

Valles, C. L.

Stockroom

Darcy, H. N., *Manager*
Meek, Helen, *Clerk*
Moakler, Beatrice, *Clerk*

Handyman-Mechanic

Sullivan, J. T.

RADIO RESEARCH LABORATORY

HARVARD UNIVERSITY
CAMBRIDGE, MASS.

ORGANIZATION CHART OCTOBER 25, 1944

RESTRICTED

DIVISION 15
OF N.D.R.C.

RESTRICTED

DIRECTOR
F. E. TERMAN
E. MUDGE Adm. Asst.

NAVY LIAISON
COM. FERRIER NAVY LIAISON OFFICER
LT. COM. MAINS EXEC. & TECH. AIDE
COM. CHRISTENSEN PROJ. CAST.

ARMY LIAISON
SIGNAL CORPS LT. COL. DODGE
CAPT. DUFFY
A. A. F. CAPT. SUMMERS
A.T.S.C.

ASSOCIATE DIRECTOR A. E. CULLUM

ASSISTANTS TO DIRECTOR
HOTCHKISS FIELD STATION LIAISON
OLIPHANT TECHNICAL & PATENTS

CONSULTANTS
ELLIOTT MECHANICAL PROBLEMS
HICKMAN SPECTROSCOPIST
RAYMOND SPECIAL PROJECTS
SALISBURY MICROWAVES
SINCLAIR GROUPS D & U
HOWARD ABL

BUSINESS OFFICE BREED

FACILITIES DIVISION BOWDITCH
- WOOD-SHOP & PLASTICS HART
- BUILDING OPS. & FACILITIES CUTTER
- TRAFFIC BRADLEY

PROCUREMENT DIVISION COLE
- STOCKROOM FOGG
- SHIPPING & RECEIVING JONES
- PURCHASING GIBSON
- EXPEDITING HOLLAND
- SUBCONTRACTS COOKE
- KARDEX KESSLER

DEPARTMENTS
AIRPORT - SUTHERLEN
GUARDS - LINSCOTT

ACCOUNTING DIV. ROWE
- ACCOUNTING LUNDEN
- INVENTORY ELBERY

FIELD STATION BUSINESS MANAGERS
ABL-15 - FRANCIS
FLOROSA - PENDERGRAST

FOR ADMINISTRATION, DRAFT & FISCAL

COMMITTEE ON PERSONNEL

FOR PERSONNEL POLICIES

PERSONNEL
SUTHERLAND
DIX
NILE

EXECUTIVE ENGINEER BYRNE
CUSHMAN ASST.

RECEIVER DIVISION HULSTEDE
PETTIT ASST.
- C-DF & HOMING CHRISTENSEN
- D-RECEIVER DEVELOPT & DESIGN PETTIT
- Q-OSCILLATOR & RECEIVER RESEARCH WOODS

TRANSMITTER DIVISION
COMBINING GROUPS B & F
YUNKER

U - SPECIAL DEVICES OVERACKER

TEST & STANDARDS LAB. GAGER

T - MECH. ENG. MALLES

PRODUCTION SUPERVISOR DUNLEAVEY
- DRAFTING C. WYLDE
- PLANNING J. RICE
  - FABRICATED PARTS INSPECTION G. HOLLAND
- PRODUCT ENGINEERING E. PLOTTS
  - PRODUCTION ASSEM. S. EVANS
  - PRODUCTION TEST M. BROCKMAN
- SERVICE SHOPS A. O. WILKINS - DIRECTOR
  - TRANSFORMER SHOP J. PLUM
  - PLATING AND FINISHING SHOP R. LA ROSEE
  - MACHINE AND SHEET METAL SHOP ZIMMERMAN
  - WOOD SHOP
  - TOOLS AND STOCK C. TAMM

CULLUM
- TRANSITION DIV.
  - BROOKS COORDINATOR
  - FLYNN RECEIVERS
  - ROSS TRANSMITTERS
  - SINGLETON ANTENNAE
  - MACQUIVEY ALLOCATION
  - SCOTT A-500 C
  - MOSES WINDOW & MISC.
  - LUBIN TEST EQUIP.
- LIAISON DIV.
  - CULLUM COORDINATOR
  - BARNARD ASST.
  - DANIELL WASH. LIAISON
  - HOLT ABL & NRL LIAISON
  - HAMMETT TRANSMISSION & TESTS
  - JASBERG REPORTS
- BROCKS
  - PUBLISHING BOWITZ
  - PHOTOGRAPHY
  - INSTRUMENTS WILSON

A - HIGH POWER
SALISBURY
DOW
LIVINGOOD

M - ANTENNAS & D-F
ALFORD

RESEARCH & ANALYSIS
VAN VLECK
BLOCH
- G - THEORY & OPERATIONAL ANALYSIS VAN VLECK
- DOCUMENT ROOM HAMERMESH
- H - NOISE COBINE
- WINDOW WHIPPLE, KUIPER

A-J DIVISION
O'BRIEN - Head
FARLEY Asst Head
COWAN Lab.
ATHEY Motion Picture

STANDING COMMITTEES

EXECUTIVE COMMITTEE
TERMAN CHAIR. ELLIOTT
BREED SALISBURY
BYRNE SINCLAIR
CULLUM VAN VLECK
OLIPHANT SECY.

PROJECT COMMITTEE
REVIEWING COMMITTEE ON PROJECTS & URGENCY
TERMAN HULSTEDE
BYRNE PETTIT
CULLUM SALISBURY
BARNARD SECY.

COMMITTEE ON PERSONNEL
TERMAN CHAIR.
BREED VICE CHAIR.
SUTHERLAND SECY. (ALT. A. H. NILE)
WILKINS { DRAFTING, MACHINE SHOP, PRODUCT ENGINEERING
HOTCHKISS ABL-15, FLOROSA
HULSTEDE { RESEARCH ASSOCIATES, TECHNICIANS
BOWDITCH BUSINESS OFF. & ALL OTHERS
E. MUDGE WOMEN EMPLOYEES

EDITORIAL COMMITTEE
VAN VLECK CHAIRMAN
BLOCH DEPUTY CHAIR.
REICH SECY. EDITORIAL COORDINATOR
BROOKS PUBLISHING
GAGER EXECUTIVE ENGINEER
HOLT PROGRESS REPORTS
HAMERMESH DOCUMENT ROOM
MACQUIVEY, JASBERG } LIAISON DIV

RECEIVER DESIGN COMM.
HULSTEDE CHAIRMAN
BUSS SECY. FLYNN
BYRNE PETTIT
CULLUM SINCLAIR

TRANSMITTER DESIGN COMM.
BYRNE CHAIR. CULLUM
HULSTEDE SECY.
ROSS YUNKER
SALISBURY (DOW)

FIELD TESTING COMM.
PETERSON CHAIR.
HAMMETT SECY.
BYRNE SUTHERLEN
FARLEY YOUNGBLOOD

INSTRUMENT COMMITTEE
OVERACKER CHAIR. BYRNE
LUBIN CULLUM
WHITE
SODERMAN SECY. SINCLAIR

MICROWAVE SYSTEM COMM.
TERMAN CHAIRMAN
ALFORD HULSTEDE
BYRNE SALISBURY (DOW)
CULLUM YUNKER
WHITE SECY.

FIELD ACTIVITIES

ABL-15
MALVERN, ENGLAND
DYER DIRECTOR
CAHILL ASSOC. TECH. DIR.
CHASE ASSOC. ADMINIS. DIV.
FRANCIS BUS. MGR.
HOTCHKISS REL.
OPERATES AS PART OF RRL UNDER CONTRACT OEM Sr 1045

FIELD TESTING DIVISION & COMMITTEE
PETERSON HEAD
APPARATUS - PETERSON
SYSTEMS - FARLEY
FLOROSA - YOUNGBLOOD DIRECTOR
PENDERGRAST

OVERSEAS MISSIONS
1 MORAN, SARD, DARKINS ETC.
2 BUSS, COHN & FOSTER
3 MUNROE, RHIGER
4 KAISEL
5 FARLEY
6 KUIPER
7 CULLUM

RESTRICTED

R-R-L-
PERSONNEL DIRECTORY

JANUARY 2, 1945

RADIO RESEARCH LABORATORY

RESTRICTED

Marked names are RTF

RADIO RESEARCH LABORATORY
PERSONNEL DIRECTORY
January 1, 1945

F. E. TERMAN, *Director*
A. E. CULLUM, JR., *Associate Director*
J. F. BYRNE, *Executive Engineer*
N. P. BREED, *Business Manager*

NDRC — DIVISION 15 COMMITTEE

Suits, C. G., *Chairman*
Black, K. C.
DuBridge, L. A.
Jolliffe, C. B.
Moore, J. H.
Potter, R. K.
Terman, F. E.

ARMY LIAISON OFFICE

Signal Corps

Dodge, A. O., Lt. Col., *Liaison Officer*
Anderson, N. E., 1st Lt., *Officer in Charge*
Hammer, W. A., 1st Lt., *Liaison Assistant*
Kearns, D. M., 1st Lt., *Test Equipment*
Mooney, D. D., 1st Lt., *Property*
Smillie, Claudia, *Secretary*

Air Forces

Duffy, D. P., Capt., *Liaison Officer*
Summers, I. A., Capt., *Liaison Officer*
Johnson, R. A., 1st Lt., *Liaison Assistant*
Brown, Margaret, *Secretary*

Bedford Army Air Field

Wright, C. L., Lt. Col., *Commanding Officer*

First Experimental Electronics Unit

Mullin, J. J., Lt. Col., *Commanding Officer*

DIRECTOR'S OFFICE

Terman, F. E., *Director*
Mudge, Elizabeth, *Administrative Assistant*
Hubbard, Elizabeth, *Secretary*
Cullum, A. E., Jr., *Associate Director*
Witherell, Audrey, *Secretary*
Oliphant, C. W., *Ass't. to Director*
Aschauer, Jane, *Secretary*
Holt, R. B., *Field Station Liaison*
Daley, Jean, *Secretary*

NDRC — DIVISION 15, TECHNICAL AIDE

Harris, D. B., *Technical Aide*
Albrecht, H. W., *Technical Aide*
Donahue, J. D., *Administrative Assistant*
Arau, Lucine, *Secretary*
Felton, Katherine, *Secretary*
McCabe, Mrs. Margaret, *Secretary*
Regan, Ellen, *Secretary*
Bresnan, Mrs. Helen M., *Clerk*

NAVY LIAISON OFFICE

Ferrier, D. T., Comdr., USN (Ret.)
Mains, M. C., Lt. Comdr., USN (Ret.)
Mitchell, J. K., Lt., USNR
Graham, J. W., Lt., USNR
Fryer, E. M., Lt., USNR
Bisby, J. F., Lt., USNR
Goerger, O. R., Lt., USNR
Campbell, J. P., Lt., USNR
Clarke, L. G., Lt. (jg), USNR
Bergemann, R. J., Jr., Ens., USNR
Stoddard, C. N.
Holmes, A. Louise, *Secretary*
Kenney, Mrs. Jean, *Secretary*
Lyons, Joselyn, *Secretary*
Smith, Margaret, *Secretary*

Project Cast

Christensen, H., Comdr., USNR

EXECUTIVE ENGINEER'S OFFICE

Byrne, J. F., *Executive Engineer*
Cushman, R. W.
Steele, Mrs. Ellen, *Secretary*

BUSINESS MANAGER'S OFFICE

Breed, N. P., *Business Manager*
Turner, Louise, *Secretary*

RESEARCH DIVISION OFFICES

A/J DIVISION

O'Brien, R. S., *Division Head*
Farley, W. W., *Ass't. Division Head* (*Systems Field Testing*)
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*

FIELD TESTING DIVISION

Peterson, D. A., *Division Head, & Head of Apparatus Field Testing*
Fairbanks, Mrs. Doris, *Secretary*
Youngblood, J. F., *Director, Florosa Field Station*
Farley, W. W., *Systems Field Testing*

TRANSMITTER DIVISION
(Formerly Groups B & F)

Yunker, E. A., *Division Head*
Geary, E. Catherine, *Secretary*
Taylor, Mrs. Emma, *Secretary*

RECEIVER DIVISION

Hulstede, G., *Division Head*
Pettit, J. M., *Ass't. Division Head*
Bain, Mrs. Gladys, *Secretary*
*Buss, R. R., *Group Leader, D*
Pettit, J. M., *Acting Group Leader, D*
Christensen, J. W., *Group Leader, C*
Spangenberg, K. R., *Group Leader, Q*

RESEARCH AND ANALYSIS DIVISION

Van Vleck, J. H., *Division Head*
Bloch, F., *Ass't. Division Head*
Cobine, J. D., *Group Leader, H*
*Sard, R. D., *Head, Document Room*
Van Vleck, J. H., *Group Leader, G*
Kuiper, G. P. } *Window*
Whipple, F. L. }

RESEARCH AND ALLIED GROUPS

GROUP A

Salisbury, W. W., *Group Leader*
Pease, Mrs. Beulah, *Secretary*
*Dow, W. G., *Ass't. Group Leader*
Griggs, Charlotte, *Secretary*
Livingood, J. J., *Ass't. Group Leader*

Ambroseno, B.
Artman, R. G.
Cary, R. J.
Crawford, F. H.
Duggan, J. R.
Early, H. C.
Galt, J. K.
Gottlieb, M. B.
Green, R. W.
Hansen, N. O.
Hare, M. D.
Hawes, A. R.
Hok, C. G.
Knight, G. A.
Krones, R.
Lazarus, D.
Leonard, Virginia
Mable, R.
Ohlsson, R. L.
O'Neill, H. T.
Otis, C. F.
Packard, R. H.
Parker, G. W.
Pease, M. C.
Powers, E. P.
Record, F. A.
Shuler, E. W.
Symonds, A. V.
Turnbull, J. C.
Welch, E. S., Jr.
Welch, H. W., Jr.

23 incl Gottlieb + Lazarus.

A/J DIVISION

O'Brien, R. S., *Division Head*
Farley, W. W., *Ass't. Division Head* (*Systems Field Testing*)
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*

Anger, H. O.
Ashus, A.
Brill, E. R.
Cook, Vivian
Davis, K. A.
Ericksen, R. J.
Grant, L. E.
Gray, C.
Hoglund, R. H.
Keck, A.
Kell, R. E.
Oinonen, K. W.
Packard, F. C.
Pan, W. Y.
Scheuch, D. R.
Towle, M. L.
Woodruff, J. H.

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* Now on Field Mission.

RESEARCH AND ALLIED GROUPS (*Continued*)

GROUP C
(Under Receiver Division)

Christensen, J. W., *Group Leader*
Pollard, Mrs. Helen, *Secretary*

Corbin, P. M.
D'Addario, M. J.
Hatch, R. M.
Loomis, C. C.
Morgan, A. N.
Moyer, R. C.
Norton, R. A.
Overfield, Muriel
Pearson, P. A.
Strong, H. W.

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GROUP D
(Under Receiver Division)

overacker
*Buss, R. R., *Group Leader*
Pettit, J. M., *Acting Group Leader*
Pollard, Mrs. Helen, *Secretary*

Clark, C. B.
Dudley, T. C.
Griffin, S. J.
Heintz, R. M.
Kamphoefner, F. J.
Kearney, J. W.
Lebenbaum, M. T.
McIntee, W. E.
Petrich, R. O.
Rakestraw, D. L.
Riemitis, C.
Kolstad, G.A.

7 (not incl Clark + Kolstad) but incl Overacker

DOCUMENT ROOM

*Sard, R. D., *Head*
Hamermesh, M., *Acting Head*

Ladd, Mary Elizabeth
Beardslee, Betsy
Cox, Mrs. Marjorie
Desjardins, Jean
Robertson, Beverly
Stewart, Mrs. Mildred

EDITORIAL DIRECTOR'S OFFICE

Reich, H. J., *Editorial Director*
Halloran, A. H.
Pfaff, Jean, *Secretary*

FIELD TESTING DIVISION

Peterson, D. A., *Division Head & Head of Apparatus Field Testing*
Fairbanks, Mrs. Doris, *Secretary*
Farley, W. W., *Systems Field Testing*
Hagen, G. D.
Whitby, O. W.
Youngblood, J. F., *Director, Florosa Field Station*
Moran

* Now on Field Mission.

GROUP G

Van Vleck, J. H., *Group Leader*
Bloch, F., *Ass't., Group Leader*

Farnsworth, Mary Jane
Foster, D. D.
Hamermesh, M.
Middleton, D.
Pressly, Eleanor
*Sard, R. D.
Sutro, P. J.
Weinstock, R.

(Window)

Whipple, F. L.
Kuiper, G. P.
Strong, Mrs. Phyllis, *Secretary*
Levine, J.
Taylor, D. W.
Tyler, A. W.
Wallour, C.

WINDOW SHOP

Potter, Mrs. Emily, *Forelady*
Schaumann, Mrs. Eleanor

GROUP H

Cobine, J. D., *Group Leader*
Knipp, Mrs. Christine, *Secretary*

Curry, J. R.
Gallagher, C. J.
Gratrix, H. A.
Jastram, P. S.
Ruthberg, S.
Sanders, G. C.

INVENTION DISCLOSURES

Barrett, E., *Head*
Priest, Mrs. Katharine, *Secretary*

Brown, I. M.
Jameson, Marie
Nash, Mrs. Mary
Nile, A. H. (*Ex Officio*)

GROUP M

Alford, A., *Group Leader*
Gerrie, Elizabeth, *Secretary*
Ingalls, Evelyn, *Secretary*

Ayer, L. H.
Barkofsky, E. C.
Benard, T. H.
Beraducci, S.
Beucler, J. F.
Bock, E. L.
Clark, H. K.
Dorne, A.
Driscoll, Clare
Errico, F.
Gage, W. M.
Goozay, R. D.
Harbury, P. L.
Harring, D. M.
Haskell, M. W.
Heavey, Mrs. Martha
Hudon, O.
Kolstad, G. A.
Kraus, J. D.
Margolin, J.
McGuigan, W. D.
McSheehy, W. H.
Minot, H. P.
Mizen, C. A.
Nelson, Jessie
Peterson, A.
Pride, D. W.
Shaw, Eleanor
Smith, N.
Swinney, J. G. C., Jr.
Wilhoit, D. I.

LAZARUS, D.

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GROUP P — FLOROSA FIELD STATION

Youngblood, J. F., *Director*
Pendergrast, C. F., *Business Manager*
Nutt, R. S., *Secretary*
Anderson, R. E.
Vermillion, R. K.
Wartzok, D. F.
Swinney

PROGRESS REPORTS

Holt, R. B.
Daley, Jean, *Secretary*

GROUP Q
(Under Receiver Division)

Spangenberg, K. R., *Group Leader*
Sturtevant, Barbara, *Secretary*
Boodry, G. E.
Cohn, S. B.
Fine, F. R.
Howe, S. D.
Huggins, W. H.
Manning, L. A.
Moizeau, Mrs. E.
Moore, T. E.
Rambo, W. R.
Richards, P. I.
Tuck, L. D.
Wadey, W. G.
Wedel, J. J., Jr.
Wills, R. C.
Wrobleski, W. D.
Zeidler, H. M.

RECEIVER DIVISION

Hulstede, G., *Division Head*
Pettit, J. M., *Ass't. Division Head*
Bain, Mrs. Gladys, *Secretary*
(See Groups C, D, and Q)

TEST AND STANDARDS DIVISION

*Monroe, R. B., *Head*
Gager, F. M., *Acting Head*
Tuttle, Virginia, *Secretary*
Belles, H. W.
Chase, Arbella
Cooley, R. D.
Crispell, H. L.
Halberstadt, E.
Lord, W. W.
Marshall, J. R.
Navid, B. N.
Norton, R. S.
O'Brien, R. G.
Rhiger, R. R.
Riley, J. C.
Kitawicz,

* Now on Field Mission.

TRANSMITTER DIVISION
(Formerly Groups B & F)

Yunker, E. A., *Division Head*
Geary, E. Catherine, *Secretary*
Taylor, Mrs. Emma, *Secretary*
Aims, B. P.
Barrett, E. (moved
Berggren, E. J.
Bridgeford, G. R.
Clark, J. L.
DeFeo, A. A.
Ellis, A. R.
Gardner, G. W.
Googins, W.
Haffenreffer, Mrs. M.
Howes, D. E.
Hunt, J. M.
Hurley, W. A.
Bigelow
Jacobs, G.
Kriegel, H. C.
Loebel, L.
Mayberry, L. A.
Raburn, L. E.
Reich, H. J.
Reid, R. E.
Shattuck, Mrs. M.
Steigerwalt, O. I.
Turner, A. T.
White, W. D.
Wickles, F. J.
Wilson, B. J.
BARNES, R.

GROUP U

Overacker, H. E., *Group Leader*
Pollard, Mrs. Helen, *Secretary*
Ayer, H. C.
Boynton, W. H.
Bruns, R. A.
Eames, A. M.
Hadley, C. F.
Jeffries, C. D.
Soderman, R. A.
Wholey, W. B.
5 not incl Soderman + Overacker

GROUP Y
(Under Engineering Services)

Plotts, E. L., *Group Leader*
Pannebaker, Mrs. Barbara, *Secretary*

Design and Production Coordination

Plotts, E. L., *Head*
Kelly, Virginia, *Secretary*
Barnes, F. R.
Eldredge, J. H., Jr.
Gerson, H. I.
Morehouse, G. D.
Smith, E. C.
GRANT, R.T.
KINGSMAN, E.F.
Rogers, T.F

Test

*Deakins, G. E., *Head*
Brockman, M. H., *Acting Head*
Applegate, G. W.
Billington, E. P.
Dowell, M. R.
Fryklund, D. H.
Lee, C. F.
Owen, E. W.
Zucker, F. J.
SCATES, J.K.

Assembly

Evans, G. E., *Head*
Strick, H. A., *Ass't. Head*
Baldwin, C. P.
Berry, Mrs. Arline
Bixby, Jessie
Boratgis, J. P.
Brown, P. M.
Ceriello, J. M.
Fallon, June
Fernald, Mrs. Margaret
Frickey, Florence
Gorton, Mavis
Hagen, Ethel
Harding, Eleanor
Harding, R. W.
Ivonen, Ann
Leave, F. R.
Meyer, Mrs. Hope
Ottaviani, Marie
Rosenberg, H. W.
Snow, P. H.

CONSULTANTS

Allaire, R. P.
Ashby, R. M.
Boring, E. G.
Chaffee, E. L.
Chu, L. J.
Clogston, A. M.
Collins, G. B.
Connelly, C. M.
Cork, B. B.
Everhart, E.
Feldmeier, J.
Gaither, H. R.
Garman, R. L.
Goldmark, P. C.
Goudsmit, S. A.
Guillemin, E. A.
Harrison, W. T.
Hendricks, P. S.
Hinkley, J. W.
Howard, J. K.
Johnson, H. M.
Jordan, W. H.
Knipp, J.
Lawson, J. L.
Liebowitz, B.
Linford, L. B.
Marshall, L. C.
McCreary, R. L.
Martin, E. G.
Nelson, R. R.
Peterson, A. P.
Reedy, P. H.
Rollefson, R.
Sather, O.
Serrell, R.
Smith, D. T.
Smith, W. V.
Stone, A. M.
Tape, G. F.
Uhlenbeck, G.
Van Atta, L. C.
Wallman, H.
White, D. G.

FIELD MISSIONS

Bailey, F. J.
Black, J. R.
Buss, R. R.
Deakins, G. E.
Dow, W. G.
Foster, J. S.
Kaisel, S. F.
Monroe, R. B.
McNees, S. G.
Sard, R. D.
Wittkopf, J. J.

TRANSFERRED TO O.S.R.D. OFFICE OF FIELD SERVICE

Harman, A. R.
Stucke, A. F.
Vidro, E. F.
Yakutis, A. J.

UNASSIGNED

Barnes, R. B.
Moran, J. M.

Coming back
2-15-45
Cahill
Buss.

SERVICE DIVISION OFFICES

ACCOUNTING DIVISION
(Includes General Accounting and Perpetual Inventory)

Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*

ENGINEERING SERVICES
(Coordinates Group Y, Drafting and Design, Shops, and Planning)

Dunleavey, F. S., *Production Supervisor*
Abbott, Mrs. Priscilla, *Secretary*

FACILITIES DIVISION
(Includes Building Operations, Traffic Department, Woodshop and Plastics)

Bowditch, E. F., *Division Head*
Adams, Virginia, *Secretary*

LIAISON DIVISION

Cullum, A. E., Jr., *Division Head*
Witherell, Audrey, *Secretary*

PROCUREMENT DIVISION
(Includes Expediting and Materials Liquidation, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

TRANSITION DIVISION

Brooks, E. D., *Transition Coordinator*
Anderson, Jean, *Secretary*

SERVICE DEPARTMENTS

ACCOUNTING DIVISION

Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*

Baker, J. H.
Maynard, F. W.
McGillicuddy, J. B.
Nichols, F. W.

Cleeves, Mrs. Laura, *Secretary*
Lunden, F. O., *Cashier*

General Accounting

Adduci, Mary
Anderson, Julia
Barker, Helen
Bradbury, Mrs. Ailene
Damon, Irene
Ghikas, Phalia
Horvath, Rita
Kay, Jean
Kelson, Edna
Martin, Emily
Prebensen, Dorothea
Proctor, Jean
Robinson, Mrs. Rita
Sheridan, Mildred
Turner, Mildred
Yacobian, Lucy

Perpetual Inventory

Elbery, W. P., *Head*
Danehy, E. J.
Deary, F. J.
Dukeshire, H. B.
Peterson, E. F.
Wall, J. J.

AIRPORT

Sutherlen, G. R., *Head*
Lepos, Blanche, *Secretary*

Gillespie, J. W.
Hartel, E.
Phillips, A. B.
Scribner, L. A.
Sullivan, J. C.

BUILDING OPERATIONS
(Under Facilities Division)

Cutter, W. G., *Department Head*
Power, Loretta (*Keys*)
Bishop, Irene (*Stationery Stock*)
McHugh, Mary (*Ass't. Stationery Stock*)

Utility Men

Davin, W. J., *Head*
Bearse, D.
Grover, L. C.
MacArthur, R.
Massey, G. H.
Morano, J.
Nestor, M. T.

Elevator Operators

Bowden, C. W.
Melanson, T. E.

Matron

Whalen, Mrs. Kathleen

BUILDING OPERATIONS (*Continued*)

Night Janitorial

Murphy, J. J., *Night Supervisor*

Biergiel, J. J.
Brooks, A. W.
Chambers, Mrs. E.
Cullity, Mrs. Nora
Cummings, Mrs. Mary
Daly, Mrs. Rose
Dennehy, Mrs. Abbie
Dorgan, Mrs. K.
Dunphy, Mrs. Anna
Forster, Mrs. Julia
Jackson, G. L.
Landry, Mrs. Frances
McCarthy, Mrs. Margaret
McCormack, Mrs. Mary
McNamara, Mrs. Mary
Morrison, Mrs. Evelyn
O'Reilly, W. J.
Reed, Mrs. Alice
Sheehan, Mrs. Ruth
Walsh, Mrs. Annie

DRAFTING AND DESIGN
(Under Engineering Services)

Wylde, C. I., *Department Head*
Bradt, H. G., *Chief Draftsman*

Allen, R.
Breed, A. W.
Brush, M. R.
Dalton, G. A.
Der Hohannesian, G.
Dion, A. O.
Freeman, J. H.
Fulkerson, C.
Glynn, F. S.
Gulick, M. B.
Hansen, A.
Horton, H. M.
Johnson, E. G.
Johnson, M. C.
Johnston, Georgina
Kalt, O. C.
Kelley, L. B.
Kennedy, R. W.
Lapidas, M.
Lauriat, L.
Macdonald, H. S.
Malaguti, J. F.
Morse, Nancy
Moulding, Mrs. Bara
Parker, S. B.
Peirce, H.
Pertzoff, C. A.
Pureka, T. T.
Putnam, W. E.
Romano, T. D.
Shaw, R. H.
Smith, H. P.
Swaim, Caroline
Traverse, J. M.
Wolford, C. E.

Secretarial and Clerical

Casavant, June
Corliss, Mary
Haley, Mrs. Mary
Lightner, Elizabeth
Murdock, Laurette
Petrow, Jennie
Wright, Mrs. Frances

ENGINEERING SERVICES
(Coordinates Group Y, Drafting and Design, Shops, and Planning)

Dunleavey, F. S., *Production Supervisor*
Abbott, Mrs. Priscilla, *Secretary*
Kelly, Virginia, *Secretary*

EXPEDITING AND MATERIALS LIQUIDATION
(Under Procurement Division)

Rogers, R. C., *Department Head*
Murphy, Mary, *Secretary*
Currie, W. H., *Expeditor*
Smythe, Mrs. Josephine, *Expeditor*
Reed, Mrs. Sigrid, *Chief Clerk*
Pugh, Mary, *Clerk*

FACILITIES DIVISION
(Includes Building Operations, Traffic Department, Woodshop and Plastics)

Bowditch, E. F., *Division Head*
Adams, Virginia, *Secretary*

FIELD STATION LIAISON

Holt, R. B., *Department Head*
Daley, Jean, *Secretary*
McKenna, Elizabeth, *Secretary*

GUARDS

Linscott, C. H., *Security Officer*
Bouzane, C. M., *Supervisor*
Rogers, H. G., *Supervisor*

Barry, J. J.
Boyle, W. E.
Brennan, J. J.
Coyne, M. D.
Creedon, J. D.
Dayton, R. W.
Dillon, F. J.
Driscoll, T. J.
Hart, A.
Howard, R. A.
Johnson, J. F.
Kelley, E. J.
Lawrence, G. C.
Litch, J. H.
Martin, W. J.
McMurray, T. J.
Murphy, M. F.
Panagos, P.
Regan, D. P.
Rodden, J. J.
Shaw, J.
Shaw, W. S.
Stevenson, P.
Tillson, H. V.
Vaughan, V. E.
Whiting, E.
Woodbury, J. R.

INSTRUMENTS

Wilson, V. P., *Department Head*
Sowles, Phebe, *Secretary*
Barron, A. J.

KARDEX
(Under Procurement Division)

Bartram, Mrs. Dorothy, *Department Head*
Berger, Mrs. Margaret — Butler, Mrs. Hope
Brooks, Harriet — Raymond, Ruth

LIAISON DIVISION

Cullum, A. E., Jr., *Division Head*
Witherell, Audrey, *Secretary*
Leadbetter, Barbara, *Senior Clerk*
Barnard, R. C., *Projects and Records*
Lees, Mrs. Mary, *Secretary*
Bacorn, Barbara, *Coordinator of Proj. Center*
Phippen, Lydia, *Clerk*

Daniell, C. M., *Army Liaison*
Villard, O. G., *Navy Liaison*
Holt, R. B., *Wright Field Liaison*
Hammett, R. L., *Special Projects Liaison*
Bacorn, Barbara, *Liaison Assistant*
Nonnemaker, Mrs. Ruth, *Secretary*

Jasberg, J. H., *Report Section*
Anton, Martha, *Secretary*
Cola, Irene, *Secretary*
Wright, Marie, *Clerk*

MECHANICAL CONSULTANT

Elliott, H. F.
Williams, C. P.

MECHANICAL ENGINEERING

Malles, R. E., *Department Head*
Gundlach, H. — Upham, L. D.
Neuberger, G. F. — Vuilleumier, Olivia

PERSONNEL DEPARTMENT

Sutherland, G., *Personnel Director*
Hickman, R. W., *Advisor*
Dimick, Carolyn, *Secretary*
Dix, W. S., *Ass't. Personnel Director*
Nile, A. H., *Ass't. Personnel Director*
Jackson, Mrs. M. Frances, *Office Manager*
Bonney, Ruth
Dunlap, Mrs. Grace
Hatch, Barbara
McPartland, Marguerite
Stanley, Mrs. Elizabeth, *Nurse*
Thomas, Maude, *Selective Service Supervisor*
Giddings, Mrs. Lenore

PHOTOGRAPHY DEPARTMENT
(Under Publishing Division)

Friedman, R. S., *Department Head*
Edgell, Mrs. Rosemary — Murray, Phyllis
Hall, M. T.

PLANNING DEPARTMENT

Dunleavey, F. S., *Head*
Morley, H. B., *Ass't. Head — Electronics Section*
McGah, J. T., *Ass't. Head — Engineering Liaison*
Carlson, Mrs. Marjorie, *Secretary*

Electronics Section

Morley, H. B., *Head*
Sessler, Mrs. Natalie, *Secretary*
Eaton, R. K.
Goodwin, A. B.
Jacobs, G. B., *Transformer Designer*

Engineering Liaison

McGah, J. T., *Head*
Schroeder, Mrs. Marjorie, *Secretary*

Subcontract Section

Perkins, E. M., *Head*
Bishop, Ann, *Secretary*
Holland, G. B.
Waechter, P. M.
Hart, Mrs. Frances, *Secretary*

PROCUREMENT DIVISION
(Includes Expediting and Materials Liquidation, Kardex Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

PUBLISHING

Schmitz, E. A., *Division Head*
Donaldson, P. H., *Advisor*
Sawyer, A. E., *Production Manager*
Malcolm, Mrs. Margaret

Illustration

Adams, F. P., *Department Head*
Barnard, Mrs. Katherine — Crosby, Mrs. Elinor
Benjamin, Mae — Heidt, Mrs. Constance
Bernard, Mary — Last, F. N.
Bernier, Muriel — Wood, Greta

Multilith

Sturges, D. R., *Department Head*
Allen, Barbara — Holmes, Mary
Hatfield, Dorothy — Wilding-White, R. Q.

Distribution

Peet, O., *Department Head*
Carlson, Phyllis — Pinney, Mrs. Iva
Kessler, Mrs. Helen

Duplicating

Jellison, Ann, *Department Head*
Barresi, Florence — Loper, Gwendolyn

PURCHASING DEPARTMENT
(Under Procurement Division)

Gibson, F. M., *Purchasing Agent*
Gill, J. A., *Ass't. Purchasing Agent*
Alexander, Mildred — Meredith, Carolyn
Bowers, Mrs. Mary — O'Neill, Margaret
Burd, E. D. — Peterson, Rita
Gowtage, Mrs. Norma — Taft, F. W.
Jones, N. E.

RECEIVING AND SHIPPING ROOM
(Under Procurement Division)

Jones, E. V., *Department Head*
Cail, W. V. — Szidat, S.
Fawcett, J. C. — Tice, G. J.
Fitzgerald, A. J. — Winstanley, D. J.
Oleson, C. K.

STOCKROOM
(Under Procurement Division)

Fogg, E. W., *Manager*
Mulcahey, J. D., *Ass't. Manager*
Fitzgerald, Eleanor — McDonnell, Barbara
Fuller, C. G. — O'Brien, E. R.
Kleinfelder, Ann — Reid, Mrs. Margaret
Koocher, A. — Trottier, Mrs. Sally
MacKinnon, F. R. — Welch, R. A.
MacQuarrie, June — Whitney, A.

SUBCONTRACTING DEPARTMENT
(Under Procurement Division)

Cooke, L. S., *Head*
Lee, Dorothy, *Secretary*
Locke, A. E. — Scantland, B. B.
McCullough, M. A. — Smith, G. M.

SHOPS DIVISION

Wilkins, A. O., *Director of Shops*

MACHINE SHOP

Zimmerman, J. C., *General Foreman*
Machinists & Sheet Metal Workers

Day Shift

Bates, G., *Foreman*
Arnold, N. H.
Bachand, L. A.
Barba, M. J.
Barrington, K. P.
Batchelder, R. M.
Bjork, A. W.
Brown, H. C.
Carle, A. J.
Davidson, A. J.
Devonshire, H. F.
Erickson, R. W.
Haigh, R. G.
Hanna, K. C.
Hemmerdinger, W. J.
Hood, T. W.
Johansen, E. L.
Kershaw, W. F.
Langguth, C. A.
Lawson, Nancy
Livingston, G. P.
Mechem, R. C.
Paine, F. W.
Perry, J. W.
Selander, K. H.
Smith, E. B.
Staples, R. S.
Thoresen, T. E.
Usis, S.
Williamson, G. J.

Cushing, D. C., *Foreman*
Angell, O. R.
Bent, L. T.
Berry, G.
Burgess, Doris
Crum, K. L.
D'Angelo, Nina
Desmond, H. B.
Eastham, Mrs. Myrtle
Farnham, A. E.
Gillis, Mrs. Henrietta
Grow, Frances
Hinch, Virginia
Jones, Evelyn
Kelly, Mrs. Catherine
Lyons, Marion
Marston, E. L.
McIlwraith, Mollie
Petrelli, Leonora
Roberts, J. A.
Rogers, N. I.
Upton, Lillian
Walker, Geraldine
Wellington, Margery
Worthington, Illione
Yule, J. C.

Night Shift

Christensen, A., *Acting Foreman*
Cawthron, F.
Cooper, F. J.
Dow, E. H.
Doyle, W. A.
Dudley, F. A.
Flaherty, H. F.
Goodwin, W. R.
Hewitt, F. H.
Hudon, E. E.
Jackson, W. B.
Locke, A. J.
McNally, J. H.

Mehne, F. E.
Morris, R. D.
Parker, F. L.
Porter, L.
Reichenbacher, C. J.
Roy, W. H.
Smith, R. O.
Stote, R. H.
Tosi, A. L.
Watkins, J.
Watson, E.

Fruzzetti, A. E., *Project Inspector*

SHOPS DIVISION OFFICE

Tamm, C. E., *Administrative Supervisor*
Maher, J. J., *Assistant to Supervisor*
Trenchard, Mrs. Mary, *Secretary*
Booth, Mrs. Elizabeth
Carll, Elma
Harrington, Ruth
Pollard, Harriet
Thomas, Frances

Laboratory Shops

Daley, F. A., *Tool Inspector*
Crandall, Thelma
Dow, A. H.
Landfear, A. H.

Production Material Department

Whittier, M. S., *Supervisor*
Brodeau, H. J.
Downey, M.
Higgins, N. G.
McPherson, S. H.

Raw Stock Department

Tompson, S. E., *Raw Stock Inspector*
Breed, B.
Deming, Elvena
Downing, E. J. (nights)
Pollard, L. R.
Ruck, J. F.
Sargent, E.

Tool & Stock Department

Wheeler, Mrs. Elizabeth, *Ass't. Tool & Stkrm. Mgr.*
Beach, Barbara
Fortune, E. M. (nights)
Regan, Barbara

PAINTING & PLATING SHOP

LaRosee, R. L., *Foreman*
Gallagher, J. L.
LeDoux, E.
Mahoney, Mrs. Edith
McClellan, W. F.
Parsons, Emma

TRANSFORMER SHOP

Blum, J. W., *Foreman*
Anastasy, N. L.
Chandonnet, H. J.
Coleman, J. J.
Morse, C. H.
Temple, D. H.

WINDOW SHOP

Potter, Mrs. Emily, *Forelady*
Schaumann, Mrs. Eleanor

SWITCHBOARD

(Under Building Operations)

Pearl, Mrs. Marie, *Head Operator*
Burns, Mrs. June
Goodwin, Dorothea
Hewson, Mrs. Georgette
Power, Mrs. Margaret
Salvucci, Mrs. Katherine
Kelly, Mrs. Gertrude (*nights*)
Mahoney, Mrs. Mary (*on call*)

TRAFFIC DEPARTMENT

(Under Facilities Division)

Bradley, R. F., *Head*
Maley, J. J., *Reservations*
Nibbe, Mrs. Geneva, *Secretary*
Harrison, Dorothy, *Secretary*

Messengers — Mail

Lynch, Mary, *Head*
Dunn, Gloria
Dyer, Elizabeth
Hutton, Marjorie
Leonard, Louise
Rozon, Dorothy

Smith, Alice, *Telegrams*

Drivers

Aldersen, R. E.
Chase, B. A.
Kennedy, G. E.
Lucas, K. A.
Stubbs, R. F.

TRANSITION DIVISION

Brooks, E. D., Jr., *Transition Coordinator*
Anderson, Jean, *Secretary*
Flynn, R. M., *Receiver Section*
Womack, Flora, *Secretary*
Lubin, S., *Test Equipment Section*
Moses, M. G., *Window Section*
Singleton, H. C., *Antenna Section*
Melbye, Margaret, *Secretary*
Scott, R. C., *A-500C Section*
MacKechnie, H. K., *Assistant*
MacQuivey, D. R., *Transition Allocations*
Enright, Eleanor, *Secretary*
Olson, Mrs. Vivian, *Secretary*
Butler, Marjorie, *Clerk*
Alden, E. R., *Transition Instrument Room*
McLaughlin, H. C., *Assistant*

WOODSHOP & PLASTICS

(Under Facilities Division)

Hart, F. R., *Superintendent*
Cotter, Helen, *Secretary*
Vigliotti, L. H., *Foreman*
Andersen, H. L.
Annis, F. R.
Earle, R. G.
Harrison, R.
Holland, W. R.
Jackson, H. W.
Portanova, J. R.
Shaw, G. E.

AMERICAN-BRITISH LABORATORY OF DIVISION 15

Dyer, J. N., *Director*
Kustler, Gladys, *Secretary*
Fraenckel, V. H., *Consultant*

Cahill, F. C., *Associate Technical Director*
Chase, J. P., *Associate Administrative Director*

ADMINISTRATIVE PERSONNEL

Chase, J. P., *Associate Adm. Director*
Francis, E. L., *Business Manager*
Clarke, L. L., *Ass't. to Business Manager*
MacKillop, H., *Accountant*

DRAFTSMEN

Cate, A. R.
LeBoutillier, G. T.

MACHINISTS

Brown, C. H., *Foreman*
Burns, E.
Covey, K. R.
Failla, C. F.
Rheaume, R. A.
Van Dyke, R. E.
White, J. W.

MECHANICAL ASSISTANT

Vallas, C. L.

STOCKROOM

Darcy, H. N., *Manager*
Meek, Helen
Moakler, Beatrice

Driver

Sullivan, J. T.

RESEARCH PERSONNEL

Cahill, F. C., *Associate Technical Director*

Adams, M. B.
Avery, R. E.
Bain, R. K.
Case, Mrs. Margaret
Clade, W. W.
Farrell, W. E.
Fubini, E.
Gariepy, E. E.
Goble, A. T.
Granger, J. V.
Henkel, R. L.
Hollywood, J. M.
Horner, Grace
Hussey, F. L.
Keeler, P. M.
Keuffel, J. W.
King, R. C.
Klemm, G. H.
Kuck, B. M.
Kuhn, T. S.
Larsen, L. C.
Lewis, R. F.
Lusted, L. B.
McCouch, G. P.
Miller, E. W.
Noe, J. D.
Park, D. A.
Reynolds, D. K.
Robbiano, P. P.
Stephenson, J. G.
Wilson, R. E.

SECRETARIAL AND CLERICAL STAFF

Baldwin, Rosemary
Clark, Shirley
Dale, Muriel
Fenn, Eva
Gilbert, Doris
Gray, Virginia
Kasper, Rosalind
Kustler, Gladys
Mumford, Katherine
Palm, Doris
Rowlands, Corinne
Van Zandt, Jean

RADIO RESEARCH LABORATORY

HARVARD UNIVERSITY
CAMBRIDGE, MASS.

ORGANIZATION CHART DECEMBER 12, 1944

RESTRICTED

DIVISION 15
OF N.D.R.C.

RESTRICTED

DIRECTOR
F. E. TERMAN
E. MUDGE Adm. Asst.

NAVY LIAISON
COM. FERRIER NAVY LIAISON OFFICER
LT. COM. MAINS EXEC. & TECH. AIDE
COM. CHRISTENSEN PROJ. ASST.

ARMY LIAISON
SIGNAL CORPS - LT. COL. DODGE
CAPT. DUFFY
A.A.F. CAPT. SUMMERS
A.T.S.C.

ASSOCIATE DIRECTOR A. E. CULLUM

ASSISTANT TO DIRECTOR
OLIPHANT TECHNICAL & PATENTS

CONSULTANTS
ELLIOTT MECHANICAL PROBLEMS
HICKMAN PERSONNEL
SALISBURY MICROWAVES
SINCLAIR GROUPS D & U

BUSINESS OFFICE BREED

FACILITIES DIVISION BOWDITCH
- WOOD-SHOP & PLASTICS HART
- BUILDING OPS. & FACILITIES CUTTER
- TRAFFIC BRADLEY

PROCUREMENT DIVISION COLE
- STOCKROOM FOGG
- SHIPPING & RECEIVING JONES
- PURCHASING GIBSON
- EXPEDITING HOLLAND
- SUBCONTRACTS COOKE
- KARDEX BARTRAM

DEPARTMENTS
AIRPORT - SUTHERLEN
GUARDS - LINSCOTT

ACCOUNTING DIV. ROWE
- ACCOUNTING LUNDEN
- INVENTORY ELBERY

FIELD STATION BUSINESS MANAGERS
ABL-15 - FRANCIS
FLOROSA - PENDERGRAST

FOR ADMINISTRATION DRAFT & FISCAL

COMMITTEE ON PERSONNEL

FOR PERSONNEL POLICIES

PERSONNEL
SUTHERLAND
DIX
NILE

EXECUTIVE ENGINEER BYRNE
CUSHMAN ASST.

RECEIVER DIVISION HULSTEDE
PETTIT ASST.
- C-DF & HOMING CHRISTENSEN
- D - RECEIVER DEVELOPT & DESIGN PETTIT
- Q-OSCILLATOR & RECEIVER RESEARCH SPANGENBERG

TRANSMITTER DIVISION (COMBINING GROUPS B & F) YUNKER

U - SPECIAL DEVICES OVERACKER

TEST & STANDARDS LAB. GAGER

T-MECH. ENG. MALLES

PRODUCTION SUPERVISOR DUNLEAVEY

DRAFTING C. WYLDE

PLANNING
DUNLEAVEY HEAD
MORLEY ASST. HEAD ELECTRONICS
McGAR ASST. HEAD ENGINEERING LIAISON
PERKINS SUB-CONTRACTING

PRODUCT ENGINEERING E. PLOTTS
- PRODUCTION ASSEM G. EVANS
- PRODUCTION TEST M. BROCKMAN

SERVICE SHOPS
A. O. WILKINS - DIRECTOR
- TRANSFORMER SHOP J. PLUM
- PLATING AND FINISHING SHOP R. LA ROSEE
- MACHINE AND SHEET METAL SHOP ZIMMERMAN
- WINDOW SHOP
- TOOLS AND STOCK C. TAMM

CULLUM

TRANSITION DIV.
- BROOKS COORDINATOR
- FLYNN RECEIVERS
- ROSS TRANSMITTERS
- SINGLETON ANTENNAE
- MACQUIVEY ALLOCATION
- SCOTT A-500 C
- MOSES WINDOW & MISC.
- LUBIN TEST EQUIP.

LIAISON DIV.
- CULLUM COORDINATOR
- BARNARD ASST.
- DANIELL WASH. LIAISON
- HOLT ABL & NRL LIAISON
- HAMMETT [illegible] & TESTS
- JASBERG REPORTS

BROOKS
- PUBLISHING SCHMITZ
- INSTRUMENTS WILSON
- PHOTOGRAPHY

A - HIGH POWER
SALISBURY
DOW
LIVINGOOD

M - ANTENNAS & D-F
ALFORD

RESEARCH & ANALYSIS
VAN VLECK
BLOCH
- G - THEORY & OPERATIONAL ANALYSIS VAN VLECK
- DOCUMENT ROOM HAMERMESH
- H - NOISE COBINE
- WINDOW WHIPPLE KUIPER

A-J DIVISION
O'BRIEN - Head
FARLEY Asst. Head
COWAN Lab.
ATHEY Motion Picture

STANDING COMMITTEES

EXECUTIVE COMMITTEE
TERMAN CHAIR. ELLIOTT
BREED SALISBURY
BYRNE SINCLAIR
CULLUM VAN VLECK
OLIPHANT SECY.

PROJECT COMMITTEE
REVIEWING COMMITTEE ON PROJECTS & URGENCY
TERMAN HULSTEDE
BYRNE PETTIT
CULLUM SALISBURY
BARNARD SECY.

COMMITTEE ON PERSONNEL
TERMAN CHAIR.
BREED VICE-CHAIR.
SUTHERLAND SECY. (ALT. A. H. NILE)
WILKINS { DRAFTING, MACHINE SHOP, PRODUCT ENGINEERING
HULSTEDE { RESEARCH ASSOCIATES, TECHNICIANS
BOWDITCH BUSINESS OFF. & ALL OTHERS
E. MUDGE WOMEN EMPLOYEES

EDITORIAL COMMITTEE
VAN VLECK CHAIRMAN
BLOCH DEPUTY CHAIR.
REICH SECY. EDITORIAL COORDINATOR
BROOKS PUBLISHING
GAGER EXECUTIVE ENGINEER
HOLT PROGRESS REPORTS
HAMERMESH DOCUMENT ROOM
MACQUIVEY, JASBERG } LIAISON DIV.

RECEIVER DESIGN COMM.
HULSTEDE CHAIRMAN
SPANGENBERG SECY.
BYRNE PETTIT
CULLUM SINCLAIR
FLYNN

TRANSMITTER DESIGN COMM.
BYRNE CHAIR. CULLUM
HULSTEDE SECY. ROSS YUNKER
SALISBURY (DOW)

FIELD TESTING COMM.
PETERSON CHAIR.
HAMMETT SECY.
BYRNE SUTHERLEN
FARLEY YOUNGBLOOD

INSTRUMENT COMMITTEE
OVERACKER CHAIR. BYRNE
LUBIN CULLUM
WHITE
SODERMAN SECY. SINCLAIR

MICROWAVE SYSTEM COMM.
TERMAN CHAIRMAN
ALFORD HULSTEDE
BYRNE SALISBURY (DOW)
CULLUM YUNKER
WHITE SECY.

FIELD ACTIVITIES

ABL-15
MALVERN, ENGLAND
DYER DIRECTOR
CAHILL ASST. TECH. DIR.
CHASE ASSOC. ADMINIS. DIV.
FRANCIS BUS. MGR.
HOLT F.S.L.
OPERATES AS PART OF RRL UNDER CONTRACT OEM Sr 1045

FIELD TESTING DIVISION & COMMITTEE
PETERSON HEAD
APPARATUS - PETERSON
SYSTEMS - FARLEY
FLOROSA - YOUNGBLOOD DIRECTOR
PENDERGRAST

OVERSEAS MISSIONS
1. SARD, DEAKINS etc.
2. BUSS, FOSTER
3. MONROE, WITTKOFF
4. KAISEL 6. HARMAN
5. KUIPER 7. STUCKE

RADIO RESEARCH LABORATORY
PERSONNEL DIRECTORY
January 1, 1945

F. E. TERMAN, *Director*
A. E. CULLUM, JR., *Associate Director*
J. F. BYRNE, *Executive Engineer*
N. P. BREED, *Business Manager*

NDRC — DIVISION 15 COMMITTEE

Suits, C. G., *Chairman*
Black, K. C.
DuBridge, L. A.
Jolliffe, C. B.
Moore, J. H.
Potter, R. K.
Terman, F. E.

ARMY LIAISON OFFICE

Signal Corps

Dodge, A. O., Lt. Col., *Liaison Officer*
Anderson, N. E., 1st Lt., *Officer in Charge*
Hammer, W. A., 1st Lt., *Liaison Assistant*
Kearns, D. M., 1st Lt., *Test Equipment*
Mooney, D. D., 1st Lt., *Property*
Smillie, Claudia, *Secretary*

Air Forces

Duffy, D. P., Capt., *Liaison Officer*
Summers, I. A., Capt., *Liaison Officer*
Johnson, R. A., 1st Lt., *Liaison Assistant*
Brown, Margaret, *Secretary*

Bedford Army Air Field

Wright, C. L., Lt. Col., *Commanding Officer*

First Experimental Electronics Unit

Mullin, J. J., Lt. Col., *Commanding Officer*

DIRECTOR'S OFFICE

Terman, F. E., *Director*
Mudge, Elizabeth, *Administrative Assistant*
Hubbard, Elizabeth, *Secretary*
Cullum, A. E., Jr., *Associate Director*
Witherell, Audrey, *Secretary*
Oliphant, C. W., *Ass't. to Director*
Aschauer, Jane, *Secretary*
Holt, R. B., *Field Station Liaison*
Daley, Jean, *Secretary*

NDRC — DIVISION 15, TECHNICAL AIDE

Harris, D. B., *Technical Aide*
Albrecht, H. W., *Technical Aide*
Donahue, J. D., *Administrative Assistant*
Arau, Lucine, *Secretary*
Felton, Katherine, *Secretary*
McCabe, Mrs. Margaret, *Secretary*
Regan, Ellen, *Secretary*
Bresnan, Mrs. Helen M., *Clerk*

NAVY LIAISON OFFICE

Ferrier, D. T., Comdr., USN (Ret.)
Mains, M. C., Lt. Comdr., USN (Ret.)
Mitchell, J. K., Lt., USNR
Graham, J. W., Lt., USNR
Fryer, E. M., Lt., USNR
Bisby, J. F., Lt., USNR
Goerger, O. R., Lt., USNR
Campbell, J. P., Lt., USNR
Clarke, L. G., Lt. (jg), USNR
Bergemann, R. J., Jr., Ens., USNR
Stoddard, C. N.
Holmes, A. Louise, *Secretary*
Kenney, Mrs. Jean, *Secretary*
Lyons, Joselyn, *Secretary*
Smith, Margaret, *Secretary*

Project Cast

Christensen, H., Comdr., USNR

EXECUTIVE ENGINEER'S OFFICE

Byrne, J. F., *Executive Engineer*
Cushman, R. W.
Steele, Mrs. Ellen, *Secretary*

BUSINESS MANAGER'S OFFICE

Breed, N. P., *Business Manager*
Turner, Louise, *Secretary*

RESEARCH DIVISION OFFICES

A/J DIVISION

O'Brien, R. S., *Division Head*
Farley, W. W., *Ass't. Division Head (Systems Field Testing)*
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*

FIELD TESTING DIVISION

Peterson, D. A., *Division Head, & Head of Apparatus Field Testing*
Fairbanks, Mrs. Doris, *Secretary*
Youngblood, J. F., *Director, Florosa Field Station*
Farley, W. W., *Systems Field Testing*

TRANSMITTER DIVISION
(Formerly Groups B & F)

Yunker, E. A., *Division Head*
Geary, E. Catherine, *Secretary*
Taylor, Mrs. Emma, *Secretary*

RECEIVER DIVISION

Hulstede, G., *Division Head*
Pettit, J. M., *Ass't. Division Head*
Bain, Mrs. Gladys, *Secretary*
*Buss, R. R., *Group Leader, D*
Pettit, J. M., *Acting Group Leader, D*
Christensen, J. W., *Group Leader, C*
Spangenberg, K. R., *Group Leader, Q*

RESEARCH AND ANALYSIS DIVISION

Van Vleck, J. H., *Division Head*
Bloch, F., *Ass't. Division Head*
Cobine, J. D., *Group Leader, H*
*Sard, R. D., *Head, Document Room*
Van Vleck, J. H., *Group Leader, G*
Kuiper, G. P. } *Window*
Whipple, F. L. }

RESEARCH AND ALLIED GROUPS

GROUP A

*Salisbury, W. W., *Group Leader*
Pease, Mrs. Beulah, *Secretary*
*Dow, W. G., *Ass't. Group Leader*
Griggs, Charlotte, *Secretary*
Livingood, J. J., *Ass't. Group Leader*

Ambroseno, B.
Artman, R. G.
Cary, R. J.
Crawford, F. H.
Duggan, J. R.
Early, H. C.
Galt, J. K.
Gottlieb, M. B.
Green, R. W.
Hansen, N. O.
Hare, M. D.
Hawes, A. R.
Hok, C. G.
Knight, G. A.
Krones, R.
Lazarus, D.
Leonard, Virginia
Mable, R.
Ohlsson, R. L.
O'Neill, H. T.
Otis, C. F.
Packard, R. H.
Parker, G. W.
Pease, M. C.
Powers, E. P.
Record, F. A.
Shuler, E. W.
Symonds, A. V.
Turnbull, J. C.
Welch, E. S., Jr.
Welch, H. W., Jr.

A/J DIVISION

O'Brien, R. S., *Division Head*
Farley, W. W., *Ass't. Division Head (Systems Field Testing)*
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*

Anger, H. O.
Ashus, A.
Brill, E. R.
Cook, Vivian
Davis, K. A.
Ericksen, R. J.
Grant, L. E.
Gray, C.
Hoglund, R. H.
Keck, A.
Kell, R. E.
Oinonen, K. W.
Packard, F. C.
Pan, W. Y.
Scheuch, D. R.
Towle, M. L.
Woodruff, J. H.

*Now on Field Mission.

GROUP C
(Under Receiver Division)

Christensen, J. W., *Group Leader*
Pollard, Mrs. Helen, *Secretary*

Corbin, P. M.
D'Addario, M. J.
Hatch, R. M.
Loomis, C. C.
Morgan, A. N.
Moyer, R. C.
Norton, R. A.
Overfield, Muriel
Pearson, P. A.
Strong, H. W.

GROUP D
(Under Receiver Division)

*Buss, R. R., *Group Leader*
~~Pettit, J. M.~~, *Acting Group Leader*
Pollard, Mrs. Helen, *Secretary*

~~Clark, C. B.~~
Dudley, T. C.
Griffin, S. J.
Heintz, R. M.
Kamphoefner, F. J.
Kearney, J. W.
Lebenbaum, M. T.
McIntee, W. E.
Petrich, R. O.
Rakestraw, D. L.
Riemitis, C.

DOCUMENT ROOM

*Sard, R. D., *Head*
Hamermesh, M., *Acting Head*

Ladd, Mary Elizabeth
Beardslee, Betsy
Cox, Mrs. Marjorie
Desjardins, Jean
Robertson, Beverly
Stewart, Mrs. Mildred

EDITORIAL DIRECTOR'S OFFICE

Reich, H. J., *Editorial Director*
Halloran, A. H.
Pfaff, Jean, *Secretary*

FIELD TESTING DIVISION

Peterson, D. A., *Division Head & Head of Apparatus Field Testing*
Fairbanks, Mrs. Doris, *Secretary*
Farley, W. W., *Systems Field Testing*
Hagen, G. D.
Whitby, O. W.
Youngblood, J. F., *Director, Florosa Field Station*

*Now on Field Mission.

GROUP G

Van Vleck, J. H., *Group Leader*
Bloch, F., *Ass't., Group Leader*

Farnsworth, Mary Jane
Foster, D. D.
Hamermesh, M.
Middleton, D.
Pressly, Eleanor
*Sard, R. D.
Sutro, P. J.
Weinstock, R.

(Window)
Whipple, F. L.
Kuiper, G. P.
Strong, Mrs. Phyllis, *Secretary*

Levine, J.
Taylor, D. W.
Tyler, A. W.
Wallour, C.

WINDOW SHOP

Potter, Mrs. Emily, *Forelady*
Schaumann, Mrs. Eleanor

GROUP H

Cobine, J. D., *Group Leader*
Knipp, Mrs. Christine, *Secretary*

Curry, J. R.
Gallagher, C. J.
Gratrix, H. A.
Jastram, P. S.
Ruthberg, S.
Sanders, G. C.

INVENTION DISCLOSURES

Barrett, E., *Head*
Priest, Mrs. Katharine, *Secretary*

Brown, I. M.
Jameson, Marie
Nash, Mrs. Mary
Nile, A. H. (*Ex Officio*)

GROUP M

Alford, A., *Group Leader*
Gerrie, Elizabeth, *Secretary*
Ingalls, Evelyn, *Secretary*

Ayer, L. H.
Barkofsky, E. C.
Benard, T. H.
Beraducci, S.
Beucler, J. F.
Bock, E. L.
Clark, H. K.
Dorne, A.
Driscoll, Clare
Errico, F.
Gage, W. M.
Goozay, R. D.
Harbury, P. L.
Harring, D. M.
Haskell, M. W.
Heavey, Mrs. Martha
Hudon, O.
Kolstad, G. A.
Kraus, J. D.
Margolin, J.
McGuigan, W. D.
McSheehy, W. H.
Minot, H. P.
Mizen, C. A.
Nelson, Jessie
Peterson, A.
Pride, D. W.
Shaw, Eleanor
Smith, N.
Swinney, J. G. C., Jr.
Wilhoit, D. I.

GROUP P — FLOROSA FIELD STATION

Youngblood, J. F., *Director*
Pendergrast, C. F., *Business Manager*
Nutt, R. S., *Secretary*

Anderson, R. E.
Vermillion, R. K.
Wartzok, D. F.

PROGRESS REPORTS

Holt, R. B.
Daley, Jean, *Secretary*

GROUP Q
(Under Receiver Division)

Spangenberg, K. R., *Group Leader*
Sturtevant, Barbara, *Secretary*

Boodry, G. E.
Cohn, S. B.
Fine, F. R.
Howe, S. D.
Huggins, W. H.
Manning, L. A.
Moizeau, Mrs. E.
Moore, T. E.
Rambo, W. R.
Richards, P. I.
Tuck, L. D.
Wadey, W. G.
Wedel, J. J., Jr.
Wills, R. C.
Wrobleski, W. D.
Zeidler, H. M.

RECEIVER DIVISION

Hulstede, G., *Division Head*
Pettit, J. M., *Ass't. Division Head*
Bain, Mrs. Gladys, *Secretary*
(See Groups C, D, and Q)

TEST AND STANDARDS DIVISION

*Monroe, R. B., *Head*
Gager, F. M., *Acting Head*
Tuttle, Virginia, *Secretary*

Belles, H. W.
Chase, Arbella
Cooley, R. D.
Crispell, H. L.
Halberstadt, E.
Lord, W. W.
Marshall, J. R.
Navid, B. N.
Norton, R. S.
O'Brien, R. G.
Rhiger, R. R.
Riley, J. C.

* Now on Field Mission.

TRANSMITTER DIVISION
(Formerly Groups B & F)

Yunker, E. A., *Division Head*
Geary, E. Catherine, *Secretary*
Taylor, Mrs. Emma, *Secretary*

Aims, B. P.
Barrett, E.
Berggren, E. J.
Bridgeford, G. R.
Clark, J. L.
~~DeFeo, A. A.~~
~~Ellis, A. R.~~
Gardner, G. W.
Googins, W.
Haffenreffer, Mrs. M.
Howes, D. E.
Hunt, J. M.
Hurley, W. A.
Jacobs, G.
Kriegel, H. C.
Loebel, L.
(Mayberry, L. A.) on leave.
~~Raburn, L. E.~~
Reich, H. J.
Reid, R. E.
Shattuck, Mrs. M.
Steigerwalt, O. I.
Turner, A. T.
White, W. D.
Wickles, F. J.
Wilson, B. J.

GROUP U

Overacker, H. E., *Group Leader*
Pollard, Mrs. Helen, *Secretary*

Ayer, H. C.
Boynton, W. H.
Bruns, R. A.
Eames, A. M.
Hadley, C. F.
Jeffries, C. D.
~~Soderman, R. A.~~
Wholey, W. B.

GROUP Y
(Under Engineering Services)

Plotts, E. L., *Group Leader*
Pannebaker, Mrs. Barbara, *Secretary*

Design and Production Coordination

Plotts, E. L., *Head*
Kelly, Virginia, *Secretary*
Barnes, F. R.
Eldredge, J. H., Jr.
Gerson, H. I.
Morehouse, G. D.
Smith, E. C.

Test

*Deakins, G. E., *Head*
Brockman, M. H., *Acting Head*
Applegate, G. W.
Billington, E. P.
Dowell, M. R.
Fryklund, D. H.
Lee, C. F.
Owen, E. W.
Zucker, F. J.

Assembly

Evans, G. E., *Head*
Strick, H. A., *Ass't. Head*
Baldwin, C. P.
Berry, Mrs. Arline
Bixby, Jessie
Boratgis, J. P.
Brown, P. M.
Ceriello, J. M.
Fallon, June
Fernald, Mrs. Margaret
Frickey, Florence
Gorton, Mavis
Hagen, Ethel
Harding, Eleanor
Harding, R. W.
Ivonen, Ann
Leave, F. R.
Meyer, Mrs. Hope
Ottaviani, Marie
Rosenberg, H. W.
Snow, P. H.

CONSULTANTS

Allaire, R. P.
Ashby, R. M.
Boring, E. G.
Chaffee, E. L.
Chu, L. J.
Clogston, A. M.
Collins, G. B.
Connelly, C. M.
Cork, B. B.
Everhart, E.
Feldmeier, J.
Gaither, H. R.
Garman, R. L.
Goldmark, P. C.
Goudsmit, S. A.
Guillemin, E. A.
Harrison, W. T.
Hendricks, P. S.
Hinkley, J. W.
Howard, J. K.
Johnson, H. M.
Jordan, W. H.
Knipp, J.
Lawson, J. L.
Liebowitz, B.
Linford, L. B.
Marshall, L. C.
McCreary, R. L.
Martin, E. G.
Nelson, R. R.
Peterson, A. P.
Reedy, P. H.
Rollefson, R.
Sather, O.
Serrell, R.
Smith, D. T.
Smith, W. V.
Stone, A. M.
Tape, G. F.
Uhlenbeck, G.
Van Atta, L. C.
Wallman, H.
White, D. G.

FIELD MISSIONS

Bailey, F. J.
Black, J. R.
Buss, R. R.
Deakins, G. E.
Dow, W. G.
Foster, J. S.
Kaisel, S. F.
Monroe, R. B.
McNees, S. G.
Sard, R. D.
Wittkopf, J. J.

TRANSFERRED TO O.S.R.D. OFFICE OF FIELD SERVICE

Harman, A. R.
Stucke, A. F.
Vidro, E. F.
Yakutis, A. J.

UNASSIGNED

Barnes, R. B. — F
Moran, J. M. — Field divisio

SERVICE DIVISION OFFICES

ACCOUNTING DIVISION
(Includes General Accounting and Perpetual Inventory)

Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*

ENGINEERING SERVICES
(Coordinates Group Y, Drafting and Design, Shops, and Planning)

Dunleavey, F. S., *Production Supervisor*
Abbott, Mrs. Priscilla, *Secretary*

FACILITIES DIVISION
(Includes Building Operations, Traffic Department, Woodshop and Plastics)

Bowditch, E. F., *Division Head*
Adams, Virginia, *Secretary*

LIAISON DIVISION

Cullum, A. E., Jr., *Division Head*
Witherell, Audrey, *Secretary*

PROCUREMENT DIVISION
(Includes Expediting and Materials Liquidation, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

TRANSITION DIVISION

Brooks, E. D., *Transition Coordinator*
Anderson, Jean, *Secretary*

SERVICE DEPARTMENTS

ACCOUNTING DIVISION

Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*
Baker, J. H.
Maynard, F. W.
McGillicuddy, J. B.
Nichols, F. W.
Cleeves, Mrs. Laura, *Secretary*
Lunden, F. O., *Cashier*

General Accounting

Adduci, Mary
Anderson, Julia
Barker, Helen
Bradbury, Mrs. Ailene
Damon, Irene
Ghikas, Phalia
Horvath, Rita
Kay, Jean
Kelson, Edna
Martin, Emily
Prebensen, Dorothea
Proctor, Jean
Robinson, Mrs. Rita
Sheridan, Mildred
Turner, Mildred
Yacobian, Lucy

Perpetual Inventory

Elbery, W. P., *Head*
Danehy, E. J.
Deary, F. J.
Dukeshire, H. B.
Peterson, E. F.
Wall, J. J.

AIRPORT

Sutherlen, G. R., *Head*
Lepos, Blanche, *Secretary*
Gillespie, J. W.
Hartel, E.
Phillips, A. B.
Scribner, L. A.
Sullivan, J. C.

BUILDING OPERATIONS
(Under Facilities Division)

Cutter, W. G., *Department Head*
Power, Loretta (*Keys*)
Bishop, Irene (*Stationery Stock*)
McHugh, Mary (*Ass't. Stationery Stock*)

Utility Men

Davin, W. J., *Head*
Bearse, D.
Grover, L. C.
MacArthur, R.
Massey, G. H.
Morano, J.
Nestor, M. T.

Elevator Operators

Bowden, C. W.
Melanson, T. E.

Matron

Whalen, Mrs. Kathleen

BUILDING OPERATIONS (*Continued*)

Night Janitorial

Murphy, J. J., *Night Supervisor*
Biergiel, J. J.
Brooks, A. W.
Chambers, Mrs. E.
Cullity, Mrs. Nora
Cummings, Mrs. Mary
Daly, Mrs. Rose
Dennehy, Mrs. Abbie
Dorgan, Mrs. K.
Dunphy, Mrs. Anna
Forster, Mrs. Julia
Jackson, G. L.
Landry, Mrs. Frances
McCarthy, Mrs. Margaret
McCormack, Mrs. Mary
McNamara, Mrs. Mary
Morrison, Mrs. Evelyn
O'Reilly, W. J.
Reed, Mrs. Alice
Sheehan, Mrs. Ruth
Walsh, Mrs. Annie

DRAFTING AND DESIGN
(Under Engineering Services)

Wylde, C. I., *Department Head*
Bradt, H. G., *Chief Draftsman*
Allen, R.
Breed, A. W.
Brush, M. R.
Dalton, G. A.
Der Hohannesian, G.
Dion, A. O.
Freeman, J. H.
Fulkerson, C.
Glynn, F. S.
Gulick, M. B.
Hansen, A.
Horton, H. M.
Johnson, E. G.
Johnson, M. C.
Johnston, Georgina
Kalt, O. C.
Kelley, L. B.
Kennedy, R. W.
Lapidas, M.
Lauriat, L.
Macdonald, H. S.
Malaguti, J. F.
Morse, Nancy
Moulding, Mrs. Bara
Parker, S. B.
Peirce, H.
Pertzoff, C. A.
Pureka, T. T.
Putnam, W. E.
Romano, T. D.
Shaw, R. H.
Smith, H. P.
Swaim, Caroline
Traverse, J. M.
Wolford, C. E.

Secretarial and Clerical

Casavant, June
Corliss, Mary
Haley, Mrs. Mary
Lightner, Elizabeth
Murdock, Laurette
Petrow, Jennie
Wright, Mrs. Frances

ENGINEERING SERVICES
(Coordinates Group Y, Drafting and Design, Shops, and Planning)

Dunleavey, F. S., *Production Supervisor*
Abbott, Mrs. Priscilla, *Secretary*
Kelly, Virginia, *Secretary*

EXPEDITING AND MATERIALS LIQUIDATION
(Under Procurement Division)

Rogers, R. C., *Department Head*
Murphy, Mary, *Secretary*
Currie, W. H., *Expeditor*
Smythe, Mrs. Josephine, *Expeditor*
Reed, Mrs. Sigrid, *Chief Clerk*
Pugh, Mary, *Clerk*

FACILITIES DIVISION
(Includes Building Operations, Traffic Department, Woodshop and Plastics)

Bowditch, E. F., *Division Head*
Adams, Virginia, *Secretary*

FIELD STATION LIAISON

Holt, R. B., *Department Head*
Daley, Jean, *Secretary*
McKenna, Elizabeth, *Secretary*

GUARDS

Linscott, C. H., *Security Officer*
Bouzane, C. M., *Supervisor*
Rogers, H. G., *Supervisor*
Barry, J. J.
Boyle, W. E.
Brennan, J. J.
Coyne, M. D.
Creedon, J. D.
Dayton, R. W.
Dillon, F. J.
Driscoll, T. J.
Hart, A.
Howard, R. A.
Johnson, J. F.
Kelley, E. J.
Lawrence, G. C.
Litch, J. H.
Martin, W. J.
McMurray, T. J.
Murphy, M. F.
Panagos, P.
Regan, D. P.
Rodden, J. J.
Shaw, J.
Shaw, W. S.
Stevenson, P.
Tillson, H. V.
Vaughan, V. E.
Whiting, E.
Woodbury, J. R.

INSTRUMENTS

Wilson, V. P., *Department Head*
Sowles, Phebe, *Secretary*
Barron, A. J.

KARDEX
(Under Procurement Division)

Bartram, Mrs. Dorothy, *Department Head*
Berger, Mrs. Margaret
Brooks, Harriet
Butler, Mrs. Hope
Raymond, Ruth

LIAISON DIVISION

Cullum, A. E., Jr., *Division Head*
Witherell, Audrey, *Secretary*
Leadbetter, Barbara, *Senior Clerk*
Barnard, R. C., *Projects and Records*
Lees, Mrs. Mary, *Secretary*
Bacorn, Barbara, *Coordinator of Proj. Center*
Phippen, Lydia, *Clerk*

Daniell, C. M., *Army Liaison*
Villard, O. G., *Navy Liaison*
Holt, R. B., *Wright Field Liaison*
Hammett, R. L., *Special Projects Liaison*
Bacorn, Barbara, *Liaison Assistant*
Nonnemaker, Mrs. Ruth, *Secretary*

Jasberg, J. H., *Report Section*
Anton, Martha, *Secretary*
Cola, Irene, *Secretary*
Wright, Marie, *Clerk*

MECHANICAL CONSULTANT

Elliott, H. F.
Williams, C. P.

MECHANICAL ENGINEERING

Malles, R. E., *Department Head*
Gundlach, H.
Neuberger, G. F.
Upham, L. D.
Vuilleumier, Olivia

PERSONNEL DEPARTMENT

Sutherland, G., *Personnel Director*
Hickman, R. W., *Advisor*
Dimick, Carolyn, *Secretary*
Dix, W. S., *Ass't. Personnel Director*
Nile, A. H., *Ass't. Personnel Director*
Jackson, Mrs. M. Frances, *Office Manager*
Bonney, Ruth
Dunlap, Mrs. Grace
Hatch, Barbara
McPartland, Marguerite
Stanley, Mrs. Elizabeth, *Nurse*
Thomas, Maude, *Selective Service Supervisor*
Giddings, Mrs. Lenore

PHOTOGRAPHY DEPARTMENT
(Under Publishing Division)

Friedman, R. S., *Department Head*
Edgell, Mrs. Rosemary
Hall, M. T.
Murray, Phyllis

PLANNING DEPARTMENT

Dunleavey, F. S., *Head*
Morley, H. B., *Ass't. Head — Electronics Section*
McGah, J. T., *Ass't. Head — Engineering Liaison*
Carlson, Mrs. Marjorie, *Secretary*

Electronics Section

Morley, H. B., *Head*
Sessler, Mrs. Natalie, *Secretary*
Eaton, R. K.
Goodwin, A. B.
Jacobs, G. B., *Transformer Designer*

Engineering Liaison

McGah, J. T., *Head*
Schroeder, Mrs. Marjorie, *Secretary*

Subcontract Section

Perkins, E. M., *Head*
Bishop, Ann, *Secretary*
Holland, G. B.
Waechter, P. M.
Hart, Mrs. Frances, *Secretary*

PROCUREMENT DIVISION
(Includes Expediting and Materials Liquidation, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

PUBLISHING

Schmitz, E. A., *Division Head*
Donaldson, P. H., *Advisor*
Sawyer, A. E., *Production Manager*
Malcolm, Mrs. Margaret

Illustration

Adams, F. P., *Department Head*
Barnard, Mrs. Katherine
Benjamin, Mae
Bernard, Mary
Bernier, Muriel
Crosby, Mrs. Elinor
Heidt, Mrs. Constance
Last, F. N.
Wood, Greta

Multilith

Sturges, D. R., *Department Head*
Allen, Barbara
Hatfield, Dorothy
Holmes, Mary
Wilding-White, R. Q.

Distribution

Peet, O., *Department Head*
Carlson, Phyllis
Kessler, Mrs. Helen
Pinney, Mrs. Iva

Duplicating

Jellison, Ann, *Department Head*
Barresi, Florence
Loper, Gwendolyn

PURCHASING DEPARTMENT
(Under Procurement Division)

Gibson, F. M., *Purchasing Agent*
Gill, J. A., *Ass't. Purchasing Agent*
Alexander, Mildred
Bowers, Mrs. Mary
Burd, E. D.
Gowtage, Mrs. Norma
Jones, N. E.
Meredith, Carolyn
O'Neill, Margaret
Peterson, Rita
Taft, F. W.

RECEIVING AND SHIPPING ROOM
(Under Procurement Division)

Jones, E. V., *Department Head*
Cail, W. V.
Fawcett, J. C.
Fitzgerald, A. J.
Oleson, C. K.
Szidat, S.
Tice, G. J.
Winstanley, D. J.

STOCKROOM
(Under Procurement Division)

Fogg, E. W., *Manager*
Mulcahey, J. D., *Ass't. Manager*
Fitzgerald, Eleanor
Fuller, C. G.
Kleinfelder, Ann
Koocher, A.
MacKinnon, F. R.
MacQuarrie, June
McDonnell, Barbara
O'Brien, E. R.
Reid, Mrs. Margaret
Trottier, Mrs. Sally
Welch, R. A.
Whitney, A.

SUBCONTRACTING DEPARTMENT
(Under Procurement Division)

Cooke, L. S., *Head*
Lee, Dorothy, *Secretary*
Locke, A. E.
McCullough, M. A.
Scantland, B. B.
Smith, G. M.

SHOPS DIVISION

Wilkins, A. O., *Director of Shops*

MACHINE SHOP

Zimmerman, J. C., *General Foreman*
Machinists & Sheet Metal Workers

Day Shift

Bates, G., *Foreman*
Arnold, N. H.
Bachand, L. A.
Barba, M. J.
Barrington, K. P.
Batchelder, R. M.
Bjork, A. W.
Brown, H. C.
Carle, A. J.
Davidson, A. J.
Devonshire, H. F.
Erickson, R. W.
Haigh, R. G.
Hanna, K. C.
Hemmerdinger, W. J.
Hood, T. W.
Johansen, E. L.
Kershaw, W. F.
Langguth, C. A.
Lawson, Nancy
Livingston, G. P.
Mechem, R. C.
Paine, F. W.
Perry, J. W.
Selander, K. H.
Smith, E. B.
Staples, R. S.
Thoresen, T. E.
Usis, S.
Williamson, G. J.

Cushing, D. C., *Foreman*
Angell, O. R.
Bent, L. T.
Berry, G.
Burgess, Doris
Crum, K. L.
D'Angelo, Nina
Desmond, H. B.
Eastham, Mrs. Myrtle
Farnham, A. E.
Gillis, Mrs. Henrietta
Grow, Frances
Hinch, Virginia
Jones, Evelyn
Kelly, Mrs. Catherine
Lyons, Marion
Marston, E. L.
McIlwraith, Mollie
Petrelli, Leonora
Roberts, J. A.
Rogers, N. I.
Upton, Lillian
Walker, Geraldine
Wellington, Margery
Worthington, Illione
Yule, J. C.

Night Shift

Christensen, A., *Acting Foreman*
Cawthron, F.
Cooper, F. J.
Dow, E. H.
Doyle, W. A.
Dudley, F. A.
Flaherty, H. F.
Goodwin, W. R.
Hewitt, F. H.
Hudon, E. E.
Jackson, W. B.
Locke, A. J.
McNally, J. H.
Mehne, F. E.
Morris, R. D.
Parker, F. L.
Porter, L.
Reichenbacher, C. J.
Roy, W. H.
Smith, R. O.
Stote, R. H.
Tosi, A. L.
Watkins, J.
Watson, E.

Fruzzetti, A. E., *Project Inspector*

SHOPS DIVISION OFFICE

Tamm, C. E., *Administrative Supervisor*
Maher, J. J., *Assistant to Supervisor*
Trenchard, Mrs. Mary, *Secretary*
Booth, Mrs. Elizabeth
Carll, Elma
Harrington, Ruth
Pollard, Harriet
Thomas, Frances

Laboratory Shops

Daley, F. A., *Tool Inspector*
Crandall, Thelma
Dow, A. H.
Landfear, A. H.

Production Material Department

Whittier, M. S., *Supervisor*
Brodeau, H. J.
Downey, M.
Higgins, N. G.
McPherson, S. H.

Raw Stock Department

Tompson, S. E., *Raw Stock Inspector*
Breed, B.
Deming, Elvena
Downing, E. J. (nights)
Pollard, L. R.
Ruck, J. F.
Sargent, E.

Tool & Stock Department

Wheeler, Mrs. Elizabeth, *Ass't. Tool & Stkrm. Mgr.*
Beach, Barbara
Fortune, E. M. (nights)
Regan, Barbara

PAINTING & PLATING SHOP

LaRosee, R. L., *Foreman*
Gallagher, J. L.
LeDoux, E.
Mahoney, Mrs. Edith
McClellan, W. F.
Parsons, Emma

TRANSFORMER SHOP

Blum, J. W., *Foreman*
Anastasy, N. L.
Chandonnet, H. J.
Coleman, J. J.
Morse, C. H.
Temple, D. H.

WINDOW SHOP

Potter, Mrs. Emily, *Forelady*
Schaumann, Mrs. Eleanor

SWITCHBOARD

(Under Building Operations)

Pearl, Mrs. Marie, *Head Operator*
Burns, Mrs. June
Goodwin, Dorothea
Hewson, Mrs. Georgette
Power, Mrs. Margaret
Salvucci, Mrs. Katherine
Kelly, Mrs. Gertrude (*nights*)
Mahoney, Mrs. Mary (*on call*)

TRAFFIC DEPARTMENT

(Under Facilities Division)

Bradley, R. F., *Head*
Maley, J. J., *Reservations*
Nibbe, Mrs. Geneva, *Secretary*
Harrison, Dorothy, *Secretary*

Messengers — Mail

Lynch, Mary, *Head*
Dunn, Gloria
Dyer, Elizabeth
Hutton, Marjorie
Leonard, Louise
Rozon, Dorothy

Smith, Alice, *Telegrams*

Drivers

Aldersen, R. E.
Chase, B. A.
Kennedy, G. E.
Lucas, K. A.
Stubbs, R. F.

TRANSITION DIVISION

Brooks, E. D., Jr., *Transition Coordinator*
Anderson, Jean, *Secretary*
Flynn, R. M., *Receiver Section*
Womack, Flora, *Secretary*
Lubin, S., *Test Equipment Section*
Moses, M. G., *Window Section*
Singleton, H. C., *Antenna Section*
Melbye, Margaret, *Secretary*
Scott, R. C., *A-500C Section*
MacKechnie, H. K., *Assistant*
MacQuivey, D. R., *Transition Allocations*
Enright, Eleanor, *Secretary*
Olson, Mrs. Vivian, *Secretary*
Butler, Marjorie, *Clerk*
Alden, E. R., *Transition Instrument Room*
McLaughlin, H. C., *Assistant*

WOODSHOP & PLASTICS

(Under Facilities Division)

Hart, F. R., *Superintendent*
Cotter, Helen, *Secretary*
Vigliotti, L. H., *Foreman*
Andersen, H. L.
Annis, F. R.
Earle, R. G.
Harrison, R.
Holland, W. R.
Jackson, H. W.
Portanova, J. R.
Shaw, G. E.

AMERICAN-BRITISH LABORATORY OF DIVISION 15

Dyer, J. N., *Director*
Kustler, Gladys, *Secretary*
Fraenckel, V. H., *Consultant*

Cahill, F. C., *Associate Technical Director*
Chase, J. P., *Associate Administrative Director*

ADMINISTRATIVE PERSONNEL

Chase, J. P., *Associate Adm. Director*
Francis, E. L., *Business Manager*
Clarke, L. L., *Ass't. to Business Manager*
MacKillop, H., *Accountant*

DRAFTSMEN

Cate, A. R.
LeBoutillier, G. T.

MACHINISTS

Brown, C. H., *Foreman*
Burns, E.
Covey, K. R.
Failla, C. F.
Rheaume, R. A.
Van Dyke, R. E.
White, J. W.

MECHANICAL ASSISTANT
Vallas, C. L.

STOCKROOM

Darcy, H. N., *Manager*
Meek, Helen
Moakler, Beatrice

Driver
Sullivan, J. T.

RESEARCH PERSONNEL

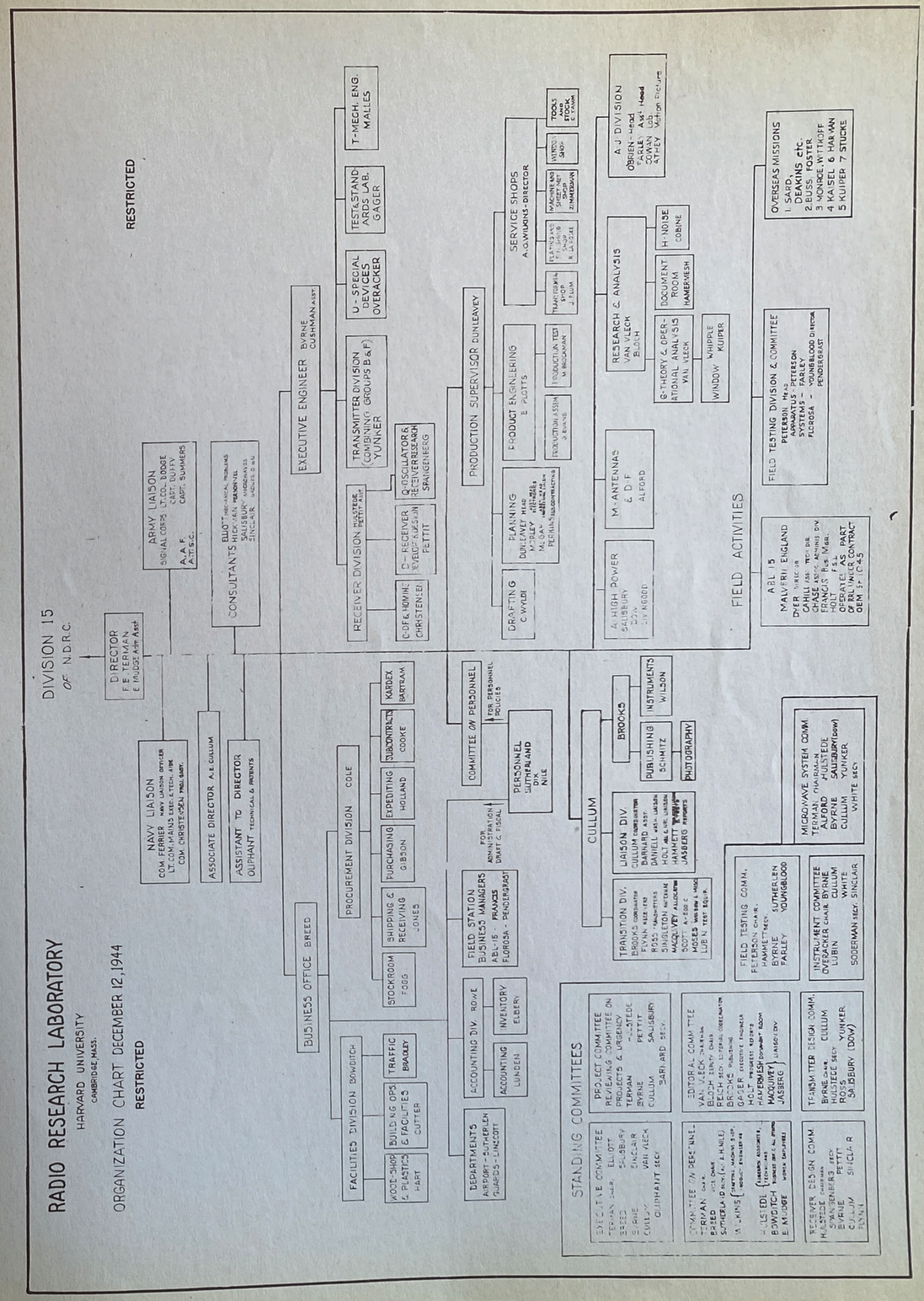
Cahill, F. C., *Associate Technical Director*

Adams, M. B.
Avery, R. E.
Bain, R. K.
Case, Mrs. Margaret
Clade, W. W.
Farrell, W. E.
Fubini, E.
Gariepy, E. E.
Goble, A. T.
Granger, J. V.
Henkel, R. L.
Hollywood, J. M.
Horner, Grace
Hussey, F. L.
Keeler, P. M.
Keuffel, J. W.
King, R. C.
Klemm, G. H.
Kuck, B. M.
Kuhn, T. S.
Larsen, L. C.
Lewis, R. F.
Lusted, L. B.
McCouch, G. P.
Miller, E. W.
Noe, J. D.
Park, D. A.
Reynolds, D. K.
Robbiano, P. P.
Stephenson, J. G.
Wilson, R. E.

SECRETARIAL AND CLERICAL STAFF

Baldwin, Rosemary
Clark, Shirley
Dale, Muriel
Fenn, Eva
Gilbert, Doris
Gray, Virginia
Kasper, Rosalind
Kustler, Gladys
Mumford, Katherine
Palm, Doris
Rowlands, Corinne
Van Zandt, Jean

22R7
+ Evans.



RADIO RESEARCH LABORATORY

HARVARD UNIVERSITY
CAMBRIDGE, MASS.

ORGANIZATION CHART DECEMBER 12, 1944

RESTRICTED

RESTRICTED

DIVISION 15
OF N.D.R.C.

DIRECTOR
F. E. TERMAN
E. MUDGE Adm. Asst.

NAVY LIAISON
COM. FERRIER NAVY LIAISON OFFICER
LT. COM. MAINS EXEC. & TECH. AIDE
COM. CHRISTENSEN PROJ. ASST.

ARMY LIAISON
SIGNAL CORPS: LT. COL. DODGE
CAPT. DUFFY
CAPT. SUMMERS
A.A.F.
A.T.S.C.

ASSOCIATE DIRECTOR A. E. CULLUM

ASSISTANT TO DIRECTOR
OLIPHANT TECHNICAL & PATENTS

CONSULTANTS
ELLIOTT MECHANICAL PROBLEMS
HICKMAN PERSONNEL
SALISBURY MICROWAVES
SINCLAIR GROUPS D & U

BUSINESS OFFICE BREED

FACILITIES DIVISION BOWDITCH
- WOOD-SHOP & PLASTICS HART
- BUILDING OPS. & FACILITIES CUTTER
- TRAFFIC BRADLEY

PROCUREMENT DIVISION COLE
- STOCKROOM FOGG
- SHIPPING & RECEIVING JONES
- PURCHASING GIBSON
- EXPEDITING HOLLAND
- SUBCONTRACTS COOKE
- KARDEX BARTRAM

DEPARTMENTS
AIRPORT - SUTHERLEN
GUARDS - LINSCOTT

ACCOUNTING DIV. ROWE
- ACCOUNTING LUNDEN
- INVENTORY ELBERY

FIELD STATION BUSINESS MANAGERS
ABL-15 - FRANCIS
FLOROSA - PENDERGRAST

FOR ADMINISTRATION DRAFT & FISCAL

COMMITTEE ON PERSONNEL
FOR PERSONNEL POLICIES

PERSONNEL
SUTHERLAND
DIX
NILE

CULLUM

TRANSITION DIV.
BROOKS COORDINATOR
FLYNN RECEIVERS
ROSS TRANSMITTERS
SINGLETON ANTENNAE
MACQUIVEY ALLOCATION
SCOTT A-500 C
MOSES WINDOW & MISC.
LUBIN TEST EQUIP.

LIAISON DIV.
CULLUM COORDINATOR
BARNARD ASST.
DANIELL WASH. LIAISON
HOLT ABL & NRL LIAISON
HAMMETT [redacted] & TESTS
JASBERG REPORTS

BROOKS
- PUBLISHING SCHMITZ
- INSTRUMENTS WILSON
- PHOTOGRAPHY

EXECUTIVE ENGINEER BYRNE
CUSHMAN ASST.

RECEIVER DIVISION HULSTEDE
PETTIT ASST.
- C-DF & HOMING CHRISTENSEN
- D-RECEIVER DEVELOP. & DESIGN PETTIT
- Q-OSCILLATOR & RECEIVER RESEARCH SPANGENBERG

TRANSMITTER DIVISION (COMBINING GROUPS B & F) YUNKER

U - SPECIAL DEVICES OVERACKER

TEST & STANDARDS LAB. GAGER

T-MECH. ENG. MALLES

PRODUCTION SUPERVISOR DUNLEAVEY

DRAFTING
C. WYLDE

PLANNING
DUNLEAVEY HEAD
MORLEY ASST. HEAD ELECTRONICS
McGAR ASST. HEAD ENGINEERING LIAISON
PERKINS SUBCONTRACTING

PRODUCT ENGINEERING
E. PLOTTS
- PRODUCTION ASSEM. G. EVANS
- PRODUCTION TEST M. BROCKMAN

SERVICE SHOPS
A. O. WILKINS - DIRECTOR
- TRANSFORMER SHOP J. PLUM
- PLATING AND FINISHING SHOP R. LA ROSEE
- MACHINE AND SHEET METAL SHOP ZIMMERMAN
- WINDOW SHOP
- TOOLS AND STOCK C. TAMM

A - HIGH POWER
SALISBURY
DOW
LIVINGOOD

M - ANTENNAS & D-F
ALFORD

RESEARCH & ANALYSIS
VAN VLECK
BLOCH
- G - THEORY & OPERATIONAL ANALYSIS VAN VLECK
  - WINDOW WHIPPLE, KUIPER
- DOCUMENT ROOM HAMERMESH
- H - NOISE COBINE

A-J DIVISION
O'BRIEN - Head
FARLEY Asst Head
COWAN Lab.
ATHEY Motion Picture

STANDING COMMITTEES

EXECUTIVE COMMITTEE
TERMAN CHAIR. — ELLIOTT
BREED — SALISBURY
BYRNE — SINCLAIR
CULLUM — VAN VLECK
OLIPHANT SECY.

PROJECT COMMITTEE
REVIEWING COMMITTEE ON PROJECTS & URGENCY
TERMAN — HULSTEDE
BYRNE — PETTIT
CULLUM — SALISBURY
BARNARD SECY.

COMMITTEE ON PERSONNEL
TERMAN CHAIR.
BREED VICE CHAIR.
SUTHERLAND SECY. (ALT. A. H. NILE)
WILKINS {DRAFTING, MACHINE SHOP, PRODUCT ENGINEERING}
HULSTEDE {RESEARCH ASSOCIATES, TECHNICIANS}
BOWDITCH BUSINESS OFF. & ALL OTHERS
E. MUDGE WOMEN EMPLOYEES

EDITORIAL COMMITTEE
VAN VLECK CHAIRMAN
BLOCH DEPUTY CHAIR.
REICH SECY. EDITORIAL COORDINATOR
BROOKS PUBLISHING
GAGER EXECUTIVE ENGINEER
HOLT PROGRESS REPORTS
HAMERMESH DOCUMENT ROOM
MACQUIVEY, JASBERG } LIAISON DIV.

RECEIVER DESIGN COMM.
HULSTEDE CHAIRMAN
SPANGENBERG SECY.
BYRNE — PETTIT
CULLUM — SINCLAIR
FLYNN

TRANSMITTER DESIGN COMM.
BYRNE CHAIR. — CULLUM
HULSTEDE SECY.
ROSS — YUNKER
SALISBURY (DOW)

FIELD TESTING COMM.
PETERSON CHAIR.
HAMMETT SECY.
BYRNE — SUTHERLEN
FARLEY — YOUNGBLOOD

INSTRUMENT COMMITTEE
OVERACKER CHAIR. BYRNE
LUBIN — CULLUM
WHITE
SODERMAN SECY. SINCLAIR

MICROWAVE SYSTEM COMM.
TERMAN CHAIRMAN
ALFORD — HULSTEDE
BYRNE — SALISBURY (DOW)
CULLUM — YUNKER
WHITE SECY.

FIELD ACTIVITIES

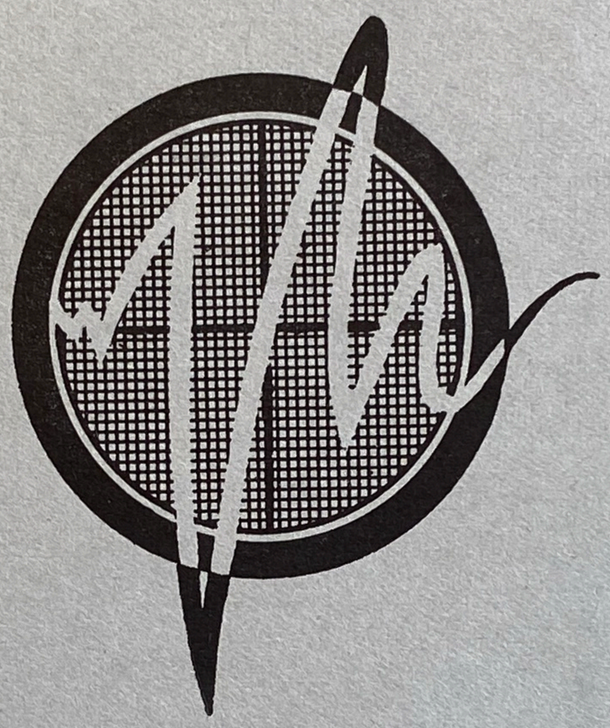
ABL 15
MALVERN, ENGLAND
DYER DIRECTOR
CAHILL ASST. TECH. DIR.
CHASE ASSOC. ADMINIS. DIV.
FRANCIS BUS. MGR.
HOLT F.S.L.
OPERATES AS PART OF RRL UNDER CONTRACT OEM SR 1045

FIELD TESTING DIVISION & COMMITTEE
PETERSON HEAD
APPARATUS - PETERSON
SYSTEMS - FARLEY
FLOROSA - YOUNGBLOOD DIRECTOR, PENDERGRAST

OVERSEAS MISSIONS
1. SARD, DEAKINS etc.
2. BUSS, FOSTER
3. MONROE, WITTKOFF
4. KAISEL 6. HARMAN
5. KUIPER 7 STUCKE

RESTRICTED

R-R-L-
PERSONNEL DIRECTORY



FEBRUARY 20, 1945

RADIO RESEARCH LABORATORY

RESTRICTED

RADIO RESEARCH LABORATORY
PERSONNEL DIRECTORY
February 20, 1945

F. E. TERMAN, *Director*
A. E. CULLUM, JR., *Associate Director*
J. F. BYRNE, *Executive Engineer*
N. P. BREED, *Business Manager*

NDRC — DIVISION 15 COMMITTEE

Suits, C. G., *Chairman*
Black, K. C.
DuBridge, L. A.
Jolliffe, C. B.
Moore, J. H.
Potter, R. K.
Terman, F. E.

ARMY OFFICES

Signal Corps

Dodge, A. O., Lt. Col., *Liaison Officer*
Anderson, N. E., 1st Lt., *Officer in Charge*
Hammer, W. A., 1st Lt., *Liaison Assistant*
Kearns, D. M., 1st Lt., *Test Equipment*
Bivans, E. W., 2nd Lt., *Property*
Smillie, Claudia, *Secretary*

ATSC Communications Field Office

MacDuff, F. H., Lt. Col., *Commanding Officer*
Duffy, D. P., Capt.
Summers, I. A., Capt.
Johnson, R. A., 1st Lt.
LaRochelle, J. A., 1st Lt., *Property*
Brown, Margaret, *Secretary*

4148 AAF Base Unit, Bedford Field

Mullin, J. J., Lt. Col., *Commanding Officer*

Bedford Army Air Field

Wright, C. L., Lt. Col., *Commanding Officer*

DIRECTOR'S OFFICE

Terman, F. E., *Director*
Mudge, Elizabeth, *Administrative Assistant*
Hubbard, Elizabeth, *Secretary*
Cullum, A. E., Jr., *Associate Director*
Witherell, Audrey, *Secretary*
Holt, R. B., *Field Station Liaison*
Daley, Jean, *Secretary*

NDRC — DIVISION 15, TECHNICAL AIDE

Harris, D. B., *Principal Technical Aide*
Regan, Ellen, *Secretary*
Albrecht, H. W., *Technical Aide*
Felton, Katherine, *Secretary*
Donahue, J. D., *Administrative Assistant*
Arau, Lucine
Bresnan, Mrs. Helen
McCabe, Mrs. Margaret
Slater, Dorothy

NAVY LIAISON OFFICE

Ferrier, D. T., Comdr., USN (Ret.)
Mains, M. C., Lt. Comdr., USN (Ret.)
Mitchell, J. K., Lt., USNR
Graham, J. W., Lt., USNR
Fryer, E. M., Lt., USNR
Bisby, J. F., Lt., USNR
Goerger, O. R., Lt., USNR
Campbell, J. P., Lt., USNR
Clarke, L. G., Lt. (jg), USNR
Bergemann, R. J., Jr., Ens., USNR
Stoddard, C. N.
Holmes, A. Louise, *Secretary*
Kenney, Mrs. Jean, *Secretary*
Lyons, Joselyn, *Secretary*
Smith, Margaret, *Secretary*

Project Cast

Christensen, H., Comdr., USNR

EXECUTIVE ENGINEER'S OFFICE

Byrne, J. F., *Executive Engineer*
Cushman, R. W.
Steele, Mrs. Ellen, *Secretary*

BUSINESS MANAGER'S OFFICE

Breed, N. P., *Business Manager*
Turner, Louise, *Secretary*

RESEARCH DIVISION OFFICES

A/J DIVISION

O'Brien, R. S., *Division Head*
Farley, W. W., *Ass't. Division Head* (*Systems Field Testing*)
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*

FIELD DIVISION

Peterson, D. A., *Division Head, & Head of Apparatus Field Testing*
Fairbanks, Mrs. Doris, *Secretary*
Youngblood, J. F., *Director, Florosa Field Station*
Farley, W. W., *Systems Field Testing*

TRANSMITTER DIVISION
(Formerly Groups B & F)

Yunker, E. A., *Division Head*
Geary, E. Catherine, *Secretary*

RECEIVER DIVISION

Hulstede, G., *Division Head*
Bain, Mrs. Gladys, *Secretary*
Overacker, H., *Group Leader, D*
Christensen, J. W., *Group Leader, C*
Spangenberg, K. R., *Group Leader, Q*

RESEARCH AND ANALYSIS DIVISION

Van Vleck, J. H., *Division Head*
Bloch, F., *Ass't. Division Head*
Cobine, J. D., *Group Leader, H*
*Sard, R. D., *Head, Document Room*
Hamermesh, M., *Acting Head, Document Room*
Van Vleck, J. H., *Group Leader, G*
*Kuiper, G. P. } *Window*
Whipple, F. L. }

RESEARCH AND ALLIED GROUPS

GROUP A

*Salisbury, W. W., *Group Leader*
Pease, Mrs. Beulah, *Secretary*
Dow, W. G., *Ass't. Group Leader*
Griggs, Charlotte, *Secretary*
Livingood, J. J., *Ass't. Group Leader*

Ambroseno, B.
Artman, R. G.
Crawford, F. H.
Duggan, J. R.
Early, H. C.
Gottlieb, M. B.
Hansen, N. O.
Hare, M. D.
Hawes, A. R.
Hok, C. G.
Leonard, Virginia
Ohlsson, R. L.
Otis, C. F.
Packard, R. H.
Parker, G. W.
Pease, M. C.
Record, F. A.
Turnbull, J. C.
Welch, E. S., Jr.
Welch, H. W., Jr.

*Bailey, F. J., *Diesel Engineer*

A/J DIVISION

O'Brien, R. S., *Division Head*
Farley, W. W., *Ass't. Division Head* (*Systems Field Testing*)
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*
Harris, Emily, *Clerk*

Anger, H. O.
Ashus, A.
Brill, E. R.
Davis, K. A.
Ericksen, R. J.
Grant, L. E.
Gray, C.
Hoglund, R. H.
Keck, A.
Kell, R. E.
Oinonen, K. W.
Packard, F. C.
Pan, W. Y.
Scheuch, D. R.
Towle, M. L.
Woodruff, J. H.

* Now on Field Mission.

GROUP C
(Under Receiver Division)

Christensen, J. W., *Group Leader*

Corbin, P. M.
D'Addario, M. J.
Hatch, R. M.
Loomis, C. C.
Moyer, R. C.
Norton, R. A.
Overfield, Muriel
Pearson, P. A.
Strong, H. W.

GROUP D
(Under Receiver Division)

Overacker, H., *Group Leader*

Cary, R. J., Jr.
Green, R. W.
Griffin, S. J.
Heintz, R. M.
Kamphoefner, F. J.
Kearney, J. W.
Kolstad, G. A.
Lawlor, W. J.
Lebenbaum, M. T.
McIntee, W. E.
Paignon, Phyllis
Powers, E. P.
Petrich, R. O.
Rakestraw, D. L.
Riemitis, C.

DOCUMENT ROOM

*Sard, R. D., *Head*
Hamermesh, M., *Acting Head*

Ladd, Mary Elizabeth
Beardslee, Betsy
Cox, Mrs. Marjorie
Desjardins, Jean
Sawtell, Mrs. Beverly
Stewart, Mrs. Mildred

EDITORIAL DIRECTOR'S OFFICE

Reich, H. J., *Editorial Director*
Pfaff, Jean, *Secretary*

FIELD DIVISION

Peterson, D. A., *Division Head & Head of Apparatus Field Testing*
Moran, J. M., *Assistant to Head*
Fairbanks, Mrs. Doris, *Secretary*
Hagen, G. D.
Whitby, O. W.
Farley, W. W., *Systems Field Testing*
Youngblood, J. F., *Director, Florosa Field Station*

* Now on Field Missions.

GROUP G

Van Vleck, J. H., *Group Leader*
Bloch, F., *Ass't. Group Leader*

Farnsworth, Mary Jane
Foster, D. D.
Hamermesh, M.
Middleton, D.
Pressly, Eleanor
*Sard, R. D.
Sutro, P. J.
Weinstock, R.

(Window)

Whipple, F. L.
*Kuiper, G. P.
Strong, Mrs. Phyllis, *Secretary*

Levine, J.
Taylor, D. W.
Tyler, A. W.
Wallour, C.

GROUP H

Cobine, J. D., *Group Leader*
Knipp, Mrs. Christine, *Secretary*

Curry, J. R.
Gallagher, C. J.
Gratrix, H. A.
Jastram, P. S.
Ruthberg, S.
Sanders, G. C.

INVENTION DISCLOSURES

Barrett, E., *Head*
Priest, Mrs. Katharine, *Secretary*

Brown, I. M.
Jameson, Marie
Nash, Mrs. Mary
Nile, A. H. (*Ex Officio*)

GROUP M

Alford, A., *Group Leader*
Gerrie, Elizabeth, *Secretary*
Ingalls, Evelyn, *Secretary*

Allen, J. E.
Ayer, L. H.
Barkofsky, E. C.
Benard, T. H.
Beraducci, S.
Beucler, J. F.
Bock, E. L.
Carles, R. C.
Clark, H. K.
Dorne, A.
Driscoll, Clare
Errico, F.
Gage, W. M.
Goozay, R. D.
Harbury, P. L.
Harring, D. M.
Haskell, M. W.
Heavey, Mrs. Martha
Hudon, O.
Kraus, J. D.
Knight, G. A.
Lazarus, D.
Margolin, J.
McGuigan, W. D.
McSheehy, W. H.
Minot, H. P.
Mizen, C. A.
Nelson, Jessie
Peterson, A.
Pride, D. W.
Shaw, Eleanor
Smith, N.
Swinney, J. G. C., Jr.
Ward, D. T.
Wilhoit, D. I.

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GROUP P — FLOROSA FIELD STATION

Youngblood, J. F., *Director*
Pendergrast, C. F., *Business Manager*
Hodge, Mrs. Alberta, *Secretary*

Anderson, R. E.
Malaguti, J. F.
Morgan, A. N.
Vermillion, R. K.
Wartzok, D. F.

PROGRESS REPORTS

Holt, R. B.
Daley, Jean, *Secretary*

GROUP Q
(Under Receiver Division)

Spangenberg, K. R., *Group Leader*
Sturtevant, Barbara, *Secretary*

Boodry, G. E.
Cohn, S. B.
Fine, F. R.
Howe, S. D.
Huggins, W. H.
Manning, L. A.
Moizeau, Mrs. E.
Moore, T. E.
Rambo, W. R.
Richards, P. I.
Tuck, L. D.
Wadey, W. G.
Wedel, J. J., Jr.
Wills, R. C.
Wrobleski, W. D.
Zeidler, H. M.

RECEIVER DIVISION

Hulstede, G., *Division Head*
Bain, Mrs. Gladys, *Secretary*
(See Groups C, D, and Q)

TEST AND STANDARDS DIVISION

*Monroe, R. B., *Head*
Gager, F. M., *Acting Head*
Tuttle, Virginia, *Secretary*

Belles, H. W.
Chase, Arbella
Cooley, R. D.
Crispell, H. L.
Halberstadt, E.
Kitowicz, W. F.
Lord, W. W.
Marshall, J. R.
Navid, B. N.
Norton, R. S.
O'Brien, R. G.
Rhiger, R. R.
Riley, J. C.

* Now on Field Mission.

TRANSMITTER DIVISION
(Formerly Groups B & F)

Yunker, E. A., *Division Head*
Geary, E. Catherine, *Secretary*

Aims, B. P.
Barnes, R. B.
Barrett, E.
Berggren, E. J.
Bigelow, Joan
Bridgeford, G. R.
Burns, E.
Clark, J. L.
Gardner, G. W.
Googins, W.
Haffenreffer, Mrs. M.
Howes, D. E.
Hunt, J. M.
Hurley, W. A.
Jacobs, G.
Kriegel, H. C.
Loebel, L.
Mayberry, L. A.
Reich, H. J.
Reid, R. E.
Shattuck, Mrs. M.
Steigerwalt, O. I.
Turner, A. T.
White, W. D.
Wickles, F. J.
Wilson, B. J.

GROUP U

Overacker, H. E., *Group Leader*

Ayer, H. C.
Boynton, W. H.
Bruns, R. A.
Eames, A. M.
Hadley, C. F.
Jeffries, C. D.
Krones, R.
Wholey, W. B.

GROUP Y
(Under Engineering Services)

Plotts, E. L., *Group Leader*
Pannebaker, Mrs. Barbara, *Secretary*

Design and Production Coordination

Plotts, E. L., *Head*
Kelly, Virginia, *Secretary*
Barnes, F. R.
Eldredge, J. H., Jr.
Gerson, H. I.
Morehouse, G. D.
O'Neill, H. T.
Shuler, E. W.
Smith, E. C.

Test

*Deakins, G. E., *Head*
Brockman, M. H., *Acting Head*
Billington, W. P.
Dowell, M. R.
Fryklund, D. H.
Grant, P. T.
Kinsman, E. F.
Lee, C. F.
Owen, E. W.
Rogers, T. F.
Scates, J. K.
Zucker, F. J.

Assembly

Evans, G. E., *Head*
Strick, H. A., *Ass't. Head*
Baldwin, C. P.
Berry, Mrs. Arline
Boratgis, J. P.
Brown, P. M.
Ceriello, J. M.
Fallon, June
Fernald, Mrs. Margaret
Frickey, Florence
Gorton, Mavis
Hagen, Ethel
Harding, Eleanor
Harding, R. W.
Ivonen, Ann
Leave, F. R.
Mable, R. T.
Meyer, Mrs. Hope
Ottaviani, Marie
Rosenberg, H. W.
Snow, P. H.
Winer, Mrs. Margaret

CONSULTANTS

Allaire, R. P.
Ashby, R. M.
Boring, E. G.
Chaffee, E. L.
Chu, L. J.
Clogston, A. M.
Collins, G. B.
Connelly, C. M.
Cork, B. B.
Everhart, E.
Feldmeier, J.
Gaither, H. R.
Garman, R. L.
Goldmark, P. C.
Goudsmit, S. A.
Guillemin, E. A.
Harrison, W. T.
Hendricks, P. S.
Hinkley, J. W.
Howard, J. K.
Johnson, H. M.
Jordan, W. H.
Knipp, J.
Lawson, J. L.
Liebowitz, B.
Linford, L. B.
Marshall, L. C.
McCreary, R. L.
Martin, E. G.
Nelson, R. R.
Peterson, A. P.
Reedy, P. H.
Rollefson, R.
Sather, O.
Serrell, R.
Sinclair, B. S.
Smith, D. T.
Smith, W. V.
Stone, A. M.
Tape, G. F.
Uhlenbeck, G.
Van Atta, L. C.
Wallman, H.
White, D. G.

FIELD MISSIONS

Bailey, F. J.
Black, J. R.
Buss, R. R.
Deakins, G. E.
Foster, J. S.
Kaisel, S. F.
Kuiper, G. P.
Monroe, R. B.
McNees, S. G.
Oliphant, C. W.
Raburn, L. E.
Salisbury, W. W.
Sard, R. D.
Sheuch, D. R.
Stucke, A. F.
Wittkopf, J. J.

TRANSFERRED TO O.S.R.D.
OFFICE OF FIELD SERVICE

Harman, A. R.
Vidro, E. F.
Yakutis, A. J.

Stanford University Archives
SC 160 Series I
Personnel Directory 1943 - 44

SERVICE DIVISION OFFICES

ACCOUNTING DIVISION
(Includes General Accounting and Perpetual Inventory)

Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*

ENGINEERING SERVICES
(Coordinates Group Y, Drafting and Design, Shops, and Planning)

Dunleavey, F. S., *Production Supervisor*
Abbott, Mrs. Priscilla, *Secretary*

FACILITIES DIVISION
(Includes Building Operations, Traffic Department, Woodshop and Plastics)

Bowditch, E. F., *Division Head*
Adams, Virginia, *Secretary*

LIAISON DIVISION

Cullum, A. E., Jr., *Division Head*
Witherell, Audrey, *Secretary*

PROCUREMENT DIVISION
(Includes Expediting and Materials Liquidation, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

TRANSITION DIVISION

Brooks, E. D., *Transition Coordinator*
Anderson, Jean, *Secretary*

SERVICE DEPARTMENTS

ACCOUNTING DIVISION

Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*
Lunden, F. O., *Cashier*
Robinson, Mrs. Rita, *Payroll*

General Accounting

Nichols, F. W., *Head*
Cleeves, Mrs. Laura, *Secretary*
Aducci, Mary
Anderson, Julia
Baldwin, Helena
Barker, Helen
Bradbury, Mrs. Ailene
Ghikas, Phalia
Harding, Mrs. Muriel
Murray, L. M.
Prebensen, Dorothea
Proctor, Jean
Sheridan, Mildred
Sweetland, Audrey

Cost Accounting

Bunten, A. D.
Maynard, F. W.

Auditing

Kelson, Edna
McGillicuddy, J. B.

Shipping Records

Baker, J. H.
Horvath, Rita
Howland, G.
Martin, Emily

Perpetual Inventory

Elbery, W. P., *Head*
Danehy, E. J.
Deary, F. J.
Dukeshire, H. B.
Peterson, E. F.
Wall, J. J.

AIRPORT

Sutherlen, G. R., *Head*
Lepos, Blanche, *Secretary*
Gillespie, J. W.
Hopkinson, R. F.
Phillips, A. B.
Scribner, L. A.
Stubbs, R. F.
Sullivan, J. C.

BUILDING OPERATIONS
(Under Facilities Division)

Cutter, W. G., *Department Head*
Bishop, Irene (*Stationery Stock*)
Power, Loretta (*Keys*)
Goodwin, Dorothea
McHugh, Mary (*Ass't. Stationery Stock*)

Utility Men

Davin, W. J., *Head*
Bearse, D.
Grover, L. C.
MacArthur, R.
Massey, G. H.
Morano, J.
Nestor, M. T.

Elevator Operators

Bowden, C. W.
Melanson, T. E.

Matron

Whalen, Mrs. Kathleen

BUILDING OPERATIONS (*Continued*)

Night Janitorial

Murphy, J. J., *Night Supervisor*
Biergiel, J. J.
Brooks, A. W.
Chambers, Mrs. E.
Cullity, Mrs. Nora
Cummings, Mrs. Mary
Daly, Mrs. Rose
Dennehy, Mrs. Abbie
Dorgan, Mrs. K.
Dunphy, Mrs. Anna
Forster, Mrs. Julia
Jackson, G. L.
Landry, Mrs. Frances
McCarthy, Mrs. Margaret
McCormack, Mrs. Mary
McNamara, Mrs. Mary
Morrison, Mrs. Evelyn
O'Reilly, W. J.
Reed, Mrs. Alice
Sheehan, Mrs. Ruth
Walsh, Mrs. Annie

DRAFTING AND DESIGN
(Under Engineering Services)

Wylde, C. I., *Department Head*
Bradt, H. G., *Chief Draftsman*
Allen, R.
Breed, A. W.
Brush, M. R.
Curtis, R. A., Jr.
Dalton, G. A.
Der Hohannesian, G.
Dion, A. O.
Freeman, J. H.
Fulkerson, C.
Glynn, F. S.
Gulick, M. B.
Hanson, A.
Horton, H. M.
Johnson, E. G.
Johnson, M. C.
Johnston, Georgina
Kalt, O. C.
Kelley, L. B.
Kennedy, R. W.
Lapidas, M.
Lauriat, L.
Macdonald, H. S.
Morse, Nancy
Moulding, Mrs. Bara
Parker, S. B.
Peirce, H.
Pertzoff, C. A.
Pureka, T. T.
Putnam, W. E.
Romano, T. D.
Shaw, R. H.
Smith, H. P.
Swaim, Caroline
Traverse, J. M.
Wolford, C. E.

Secretarial and Clerical

Casavant, June
Corliss, Mary
Haley, Mrs. Mary
Lightner, Elizabeth
Murdock, Mrs. Laurette
Petrow, Mrs. Jennie
Wright, Mrs. Frances

ENGINEERING SERVICES
(Coordinates Group Y, Drafting and Design, Shops, and Planning)

Dunleavey, F. S., *Production Supervisor*
Abbott, Mrs. Priscilla, *Secretary*
Kelly, Virginia, *Secretary*

EXPEDITING AND MATERIALS LIQUIDATION
(Under Procurement Division)

Rogers, R. C., *Department Head*
Murphy, Mary, *Secretary*
Currie, W. H., *Expeditor*
Smythe, Mrs. Josephine, *Expeditor*
Reed, Mrs. Sigrid, *Chief Clerk*
Pugh, Mary, *Clerk*

FACILITIES DIVISION
(Includes Building Operations, Traffic Department, Woodshop and Plastics)

Bowditch, E. F., *Division Head*
Adams, Virginia, *Secretary*

FIELD STATION LIAISON

Holt, R. B., *Department Head*
McKenna, Elizabeth, *Secretary*
Daley, Jean, *Secretary*
Cobb, Ann, *Secretary*

GUARDS

Linscott, C. H., *Security Officer*
Bouzane, C. M., *Supervisor*
Rogers, H. G., *Supervisor*
Barry, J. J.
Boyle, W. E.
Braun, W. J.
Brennan, J. J.
Coyne, M. D.
Creedon, J. D.
Dayton, R. W.
Dillon, F. J.
Driscoll, T. J.
Hart, A.
Johnson, J. F.
Kelley, E. J.
Lawrence, G. C.
Litch, J. H.
MacIntosh, B. A.
Martin, W. J.
McMurray, T. J.
Murphy, M. F.
Panagos, P.
Regan, D. P.
Rodden, J. J.
Shaw, J.
Shaw, W. S.
Stevenson, P.
Tillson, H. V.
Whiting, E.
Woodbury, J. R.

INSTRUMENTS

Wilson, V. P., *Department Head*
Sowles, Phebe, *Secretary*
Barron, A. J.

KARDEX
(Under Procurement Division)

Bartram, Mrs. Dorothy, *Department Head*

Berger, Mrs. Margaret — Butler, Mrs. Hope
Brooks, Harriet — Raymond, Ruth

LIAISON DIVISION

Cullum, A. E., Jr., *Division Head*
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Leadbetter, Barbara, *Master Files*
Barnard, R. C., *Projects and Records*
Popa, Mrs. Irene, *Secretary*
Bacorn, Barbara, *Coordinator of Project Center*
Phippen, Lydia, *Senior Clerk*
Stevens, Mrs. Jean, *Clerk*

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Daniell, C. M., *Army, Navy* (BuAer)
Nonnemaker, Mrs. Ruth, *Secretary*
Hammett, R. L., *Special Project & Field Test*
Villard, O. G., Jr., *Navy* (other than BuAer)
Wolff, Mrs. Doris, *Secretary*
Bacorn, Barbara, *Assistant*
Holt, R. B., *ATSC, ARL* (Dayton, Ohio)

Report Section

Jasberg, J. H., *Head*
Anton, Martha, *Secretary*
Cola, Irene, *Secretary*
Wright, Marie, *Secretary*

MECHANICAL CONSULTANT

Elliott, H. F.
Williams, C. P.

MECHANICAL ENGINEERING

Malles, R. E., *Department Head*

Gundlach, H. — Upham, L. D.
Neuberger, G. F. — Vuilleumier, Olivia

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Hickman, R. W., *Advisor*
Dimick, Carolyn, *Secretary*
Dix, W. S., *Ass't. Personnel Director*
Nile, A. H., *Ass't. Personnel Director*
Jackson, Mrs. M. Frances, *Office Manager*
Bonney, Ruth
Dunlap, Mrs. Grace
Hatch, Barbara
McPartland, Marguerite
Stanley, Mrs. Elizabeth, *Nurse*
Thomas, Maude, *Selective Service Supervisor*
Giddings, Mrs. Lenore

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Hall, M. T.

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McGah, J. T., *Ass't. Head — Engineering Liaison*
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Morley, H. B., *Head*
Sessler, Mrs. Natalie, *Secretary*
Eaton, R. K.
Goodwin, A. B.
Jacobs, G. B., *Transformer Designer*
Robinson, C. J.

Engineering Liaison

McGah, J. T., *Head*
Schroeder, Mrs. Marjorie, *Secretary*
Merchant, H. A., *Expeditor*

Subcontract Section

Perkins, E. M., *Head*
Bishop, Ann, *Secretary*
Holland, G. E.
Waechter, P. M.
Hart, Mrs. Frances, *Secretary*

PROCUREMENT DIVISION
(Includes Expediting and Materials Liquidation, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

PUBLISHING

Schmitz, E. A., *Division Head*
Donaldson, P. H., *Advisor*
Sawyer, A. E., *Production Manager*
Aschauer, Janet
Malcolm, Mrs. Margaret

Illustration

Adams, F. P., *Department Head*

Barnard, Mrs. Katherine — Crosby, Mrs. Elinor
Bernard, Mary — Heidt, Mrs. Constance
Bernier, Muriel — Livingston, Mary
Burton, Mrs. Mae — Last, F. N.
Wood, Greta

Multilith

Sturges, D. R., *Department Head*

Allen, Barbara — Holmes, Mary
French, Miriam — Wilding-White, R. Q.
Hatfield, Dorothy

Distribution

Peet, O., *Department Head*

Carlson, Phyllis — Pinney, Mrs. Iva
Kessler, Mrs. Helen

Duplicating

Jellison, Ann, *Department Head*

Barresi, Florence — Loper, Gwendolyn

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(Under Procurement Division)

Gibson, F. M., *Purchasing Agent*
Gill, J. A., *Ass't. Purchasing Agent*
Meredith, Carolyn, *Secretary*

Alexander, Mildred — Jones, N. E.
Bowers, Mrs. Mary — O'Neill, Margaret
Burd, E. D. — Peterson, Rita
Gowtage, Mrs. Norma — Taft, F. W.

RECEIVING AND SHIPPING ROOM
(Under Procurement Division)

Jones, E. V., *Department Head*

Cail, W. V. — Oleson, C. K.
Fawcett, J. C. — Szidat, S.
Fitzgerald, A. J. — Tice, G. J.
Miller, H. R. — Winstanley, D. J.

STOCKROOM
(Under Procurement Division)

Fogg, E. W., *Manager*
Mulcahey, J. D., *Ass't. Manager*

Fitzgerald, Eleanor — O'Brien, E. R.
Fuller, C. G. — O'Brien, Irene
Kleinfelder, Ann — Reid, Mrs. Margaret
Koocher, A. — Trottier, Mrs. Sally
MacKinnon, F. R. — Welch, R. A.
MacQuarrie, June — Whitney, A.

SUBCONTRACTING DEPARTMENT
(Under Procurement Division)

Cooke, L. S., *Department Head*
Lee, Dorothy, *Secretary*

Locke, A. E. — Scantland, B. B.
McCullough, M. A. — Smith, G. M.

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SHOPS DIVISION

Wilkins, A. O., *Director of Shops*

MACHINE SHOP

Zimmerman, J. C., *General Foreman*
Machinists & Sheet Metal Workers

Day Shift

Bates, G., *Foreman*
Arnold, N. H.
Bachand, L. A.
Barba, M. J.
Barrington, K. P.
Batchelder, R. M.
Bjork, A. W.
Brown, H. C.
Carle, A. J.
Davidson, A. J.
Devonshire, H. F.
Erickson, R. W.
Haigh, R. G.
Hanna, K. C.
Hemmerdinger, W. J.
Hood, T. W.
Johansen, E. L.
Kershaw, W. F.
Langguth, C. A.
Lawson, Nancy
Livingston, G. P.
Mansfield, W. A.
Mechem, R. C.
Paine, F. W.
Perry, J. W.
Selander, K. H.
Smith, E. B.
Staples, R. S.
Thoresen, T. E.
Usis, S.
Williamson, G. J.

Cushing, D. C., *Foreman*
Angell, O. R.
Bent, L. T.
Berry, G.
Burgess, Doris
Crum, K. L.
D'Angelo, Nina
Desmond, H. B.
Eastham, Mrs. Myrtle
Farnham, A. E.
Grow, Frances
Jones, Evelyn
Kelly, Mrs. Catherine
Lyons, Marion
Marston, E. L.
McIlwraith, Mollie
Petrelli, Leonora
Roberts, J. A.
Rogers, N. I.
Upton, Lillian
Waitt, Edna
Walker, Geraldine
Wellington, Margery
Worthington, Illione
Yule, J. C.

Night Shift

Christensen, A., *Acting Foreman*
Cawthron, F.
Cooper, F. J.
Dow, E. H.
Doyle, W. A.
Dudley, F. A.
Flaherty, H. F.
Goodwin, W. R.
Hewitt, F. H.
Hudon, E. E.
Jackson, W. B.
Locke, A. J.
McNally, J. H.

Mehne, F. E.
Morris, R. D.
Parker, F. L.
Porter, L.
Reichenbacher, C. J.
Roy, W. H.
Smith, R. O.
Stote, R. H.
Tosi, A. L.
Watkins, J.
Watson, E.

Fruzzetti, A. E., *Project Inspector*

SHOPS DIVISION OFFICE

Tamm, C. E., *Administrative Supervisor*
Maher, J. J., *Assistant to Supervisor*
Trenchard, Mrs. Mary, *Secretary*
Booth, Mrs. Elizabeth
Glazer, Mrs. Lillian
Harrington, Ruth
Pollard, Harriet
Thomas, Frances

Laboratory Shops

Daley, F. A., *Tool Inspector*
Crandall, Thelma
Dow, A. H.
Fortune, E. M.
Landfear, A. H.

Production Material Department

Whittier, M. S., *Supervisor*
Brodeau, H. J.
Downey, M.
Higgins, N. G.
McPherson, S. H.

Raw Stock Department

Tompson, S. E., *Raw Stock Inspector*
Breed, B.
Deming, Elvena
Downing, E. J. (nights)
Pollard, L. R.
Ruck, J. F.
Sargent, E.

Tool & Stock Department

Currier, Z. H., *Tool & Stockroom Mgr.*
Wheeler, Mrs. Elizabeth, *Ass't. Tool & Stkrm. Mgr.*
Beach, Barbara
Regan, Barbara

PAINTING & PLATING SHOP

LaRosee, R. L., *Foreman*
Gallagher, J. L.
LeDoux, E.
Mahoney, Mrs. Edith
McClellan, W. F.
Parsons, Emma

TRANSFORMER SHOP

Blum, J. W., *Foreman*
Anastasy, N. L.
Chandonnet, H. J.
Coleman, J. J.
Hartel, E. J.
LeBlanc, F. A.
Temple, D. H.

WINDOW SHOP

Schaumann, Mrs. Eleanor

SWITCHBOARD

(Under Building Operations)

Pearl, Mrs. Marie, *Head Operator*
Burns, Mrs. June
Power, Mrs. Margaret
Salvucci, Mrs. Katherine
Kelly, Mrs. Gertrude (*nights*)
Mahoney, Mrs. Mary (*on call*)

TRAFFIC DEPARTMENT

(Under Facilities Division)

Bradley, R. F., *Head*
Maley, J. J., *Reservations*
Nibbe, Mrs. Geneva, *Secretary*
Harrison, Dorothy, *Secretary*

Messengers — Mail

Lynch, Mary, *Head*
Dunn, Gloria
Dyer, Elizabeth
Hutton, Marjorie
Leonard, Louise
Linnitt, Barbara
Mosher, Phyllis
Rozon, Dorothy

Smith, Alice, *Telegrams*

Drivers

Aldersen, R. E.
Chase, B. A.
Kennedy, G. E.
Lucas, K. A.

TRANSITION DIVISION

Brooks, E. D., Jr., *Transition Coordinator*
Anderson, Jean, *Secretary*
Flynn, R. M., *Receiver Section*
Womack, Flora, *Secretary*
Lubin, S., *Test Equipment Section*
Moses, M. G., *Window Section*
Singleton, H. C., *Antenna Section*
Melbye, Margaret, *Secretary*
Scott, R. C., *A-500C Section*
MacKechnie, H. K., *Assistant*
MacQuivey, Mrs. Edith
MacQuivey, D. R., *Transition Allocations*
Enright, Eleanor, *Secretary*
Olson, Mrs. Vivian, *Secretary*
Butler, Marjorie, *Clerk*
Alden, E. R., *Transition Instrument Room*
McLaughlin, H. C., *Assistant*

WOODSHOP & PLASTICS

(Under Facilities Division)

Hart, F. R., *Superintendent*
Cotter, Helen, *Secretary*
Vigliotti, L. H., *Foreman*
Andersen, H. L.
Annis, F. R.
Earle, R. G.
Harrison, R.
Holland, W. R.
Jackson, H. W.
Portanova, J. R.
Shaw, G. E.
Williams, J. A.

AMERICAN-BRITISH LABORATORY OF DIVISION 15

Dyer, J. N., *Director*
Kustler, Gladys, *Secretary*
Fraenkel, V. H., *Consultant*

Cahill, F. C., *Associate Technical Director*
Chase, J. P., *Associate Administrative Director*

ADMINISTRATIVE PERSONNEL

Chase, J. P., *Associate Adm. Director*
Francis, E. L., *Business Manager*
Clarke, L. L., *Ass't. to Business Manager*
MacKillop, H., *Accountant*

DRAFTSMEN

Cate, A. R.
LeBoutillier, G. T.

MACHINISTS

Brown, C. H., *Foreman*
Covey, K. R.
Failla, C. F.
Rheaume, R. A.
White, J. W.

MECHANICAL ASSISTANT

Vallas, C. L.

STOCKROOM

Darcy, H. N., *Manager*
Meek, Helen
Moakler, Beatrice

Driver
Sullivan, J. T.

RESEARCH PERSONNEL

†Cahill, F. C., *Associate Technical Director*
‡Pettit, J. M., *Associate Technical Director*

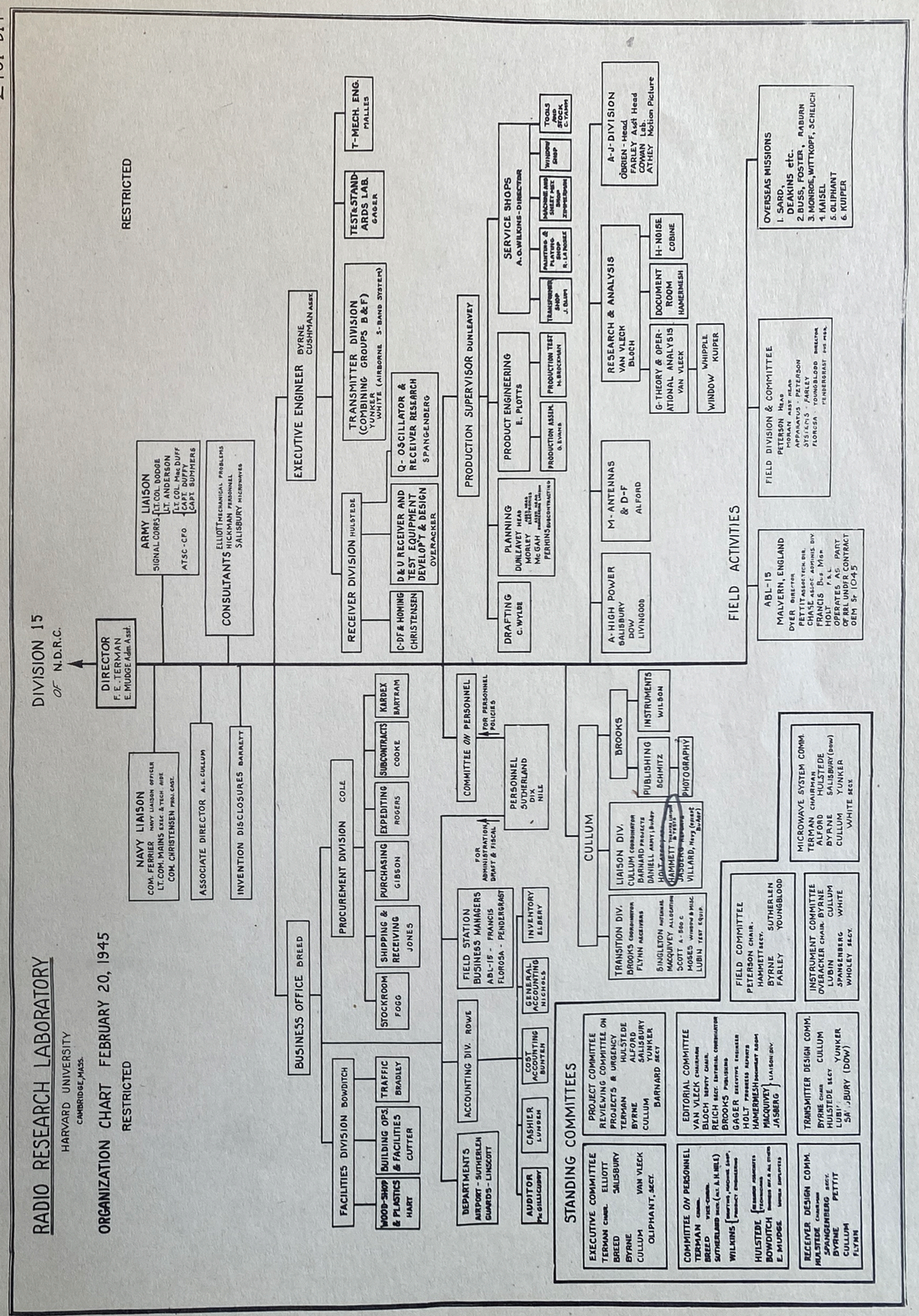
Adams, M. B.
Avery, R. E.
Bain, R. K.
Case, Mrs. Margaret
Clade, W. W.
Clark, C. B.
DeFeo, A. A.
Ellis, A. R.
Evans, W. E.
Farrell, W. E.
Fubini, E.
Galt, J. K.
Gariepy, E. E.
Goble, A. T.
Granger, J. V.
Henkel, R. L.
Hollywood, J. M.
Horner, Grace
Hussey, F. L.
Keeler, P. M.
Keuffel, J. W.
King, R. C.
Klemm, G. H.
Kuck, B. M.
Kuhn, T. S.
Larsen, L. C.
Lewis, R. F.
Lusted, L. B.
McCouch, G. P.
Miller, E. W.
Noe, J. D.
Park, D. A.
Reynolds, D. K.
Robbiano, P. P.
Soderman, R. A.
Symonds, A. V.
Stephenson, J. G.
Wilson, R. E.

SECRETARIAL AND CLERICAL STAFF

Baldwin, Rosemary
Clark, Shirley
Dale, Muriel
Fenn, Eva
Gilbert, Doris
Gray, Virginia
Kasper, Rosalind
Kustler, Gladys
Mumford, Katherine
Palm, Doris
Rowlands, Corinne

† Assignment completed in March.
‡ To succeed F. C. Cahill.

Z401-D14



RADIO RESEARCH LABORATORY

HARVARD UNIVERSITY
CAMBRIDGE, MASS.

ORGANIZATION CHART FEBRUARY 20, 1945

RESTRICTED

DIVISION 15
OF N.D.R.C.

RESTRICTED

DIRECTOR
F. E. TERMAN
E. MUDGE Adm. Asst.

NAVY LIAISON
COM. FERRIER NAVY LIAISON OFFICER
LT. COM. MAINS EXEC. & TECH. AIDE
COM. CHRISTENSEN PROJ. CAST.

ARMY LIAISON
SIGNAL CORPS — LT. COL. DODGE; LT. ANDERSON
ATSC-CFO — LT. COL. Mac DUFF; CAPT. DUFFY; CAPT. SUMMERS

ASSOCIATE DIRECTOR A. E. CULLUM

CONSULTANTS
ELLIOTT MECHANICAL PROBLEMS
HICKMAN PERSONNEL
SALISBURY MICROWAVES

INVENTION DISCLOSURES BARRETT

BUSINESS OFFICE BREED

- **FACILITIES DIVISION** BOWDITCH
  - WOOD-SHOP & PLASTICS — HART
  - BUILDING OPS. & FACILITIES — CUTTER
  - TRAFFIC — BRADLEY
- **PROCUREMENT DIVISION** COLE
  - STOCKROOM — FOGG
  - SHIPPING & RECEIVING — JONES
  - PURCHASING — GIBSON
  - EXPEDITING — ROGERS
  - SUBCONTRACTS — COOKE
  - KARDEX — BARTRAM
- **DEPARTMENTS**
  AIRPORT - SUTHERLEN
  GUARDS - LINSCOTT
- **ACCOUNTING DIV.** ROWE
  - AUDITOR — Mc GILLICUDDY
  - CASHIER — LUNDEN
  - COST ACCOUNTING — BUNTEN
  - GENERAL ACCOUNTING — NICHOLS
  - INVENTORY — ELBERY
- **FIELD STATION BUSINESS MANAGERS**
  ABL-15 - FRANCIS
  FLOROSA - PENDERGRAST

FOR ADMINISTRATION, DRAFT & FISCAL

COMMITTEE ON PERSONNEL
FOR PERSONNEL POLICIES

PERSONNEL
SUTHERLAND
DIX
NILE

EXECUTIVE ENGINEER BYRNE
CUSHMAN ASST.

- **RECEIVER DIVISION** HULSTEDE
  - C-DF & HOMING — CHRISTENSEN
  - D & U RECEIVER AND TEST EQUIPMENT DEVELOP'T & DESIGN — OVERACKER
  - Q-OSCILLATOR & RECEIVER RESEARCH — SPANGENBERG
- **TRANSMITTER DIVISION (COMBINING GROUPS B & F)**
  YUNKER
  WHITE (AIRBORNE S-BAND SYSTEM)
- **TEST & STANDARDS LAB.** GAGER
- **T-MECH. ENG.** MALLES

PRODUCTION SUPERVISOR DUNLEAVEY

- **DRAFTING** C. WYLDE
- **PLANNING** DUNLEAVEY HEAD
  MORLEY ASST. HEAD ELECTRONICS
  Mc GAH ASST. HEAD ENGINEERING LIAISON
  PERKINS SUBCONTRACTING
- **PRODUCT ENGINEERING** E. PLOTTS
  - PRODUCTION ASSEM. — G. EVANS
  - PRODUCTION TEST — M. BROCKMAN
- **SERVICE SHOPS** A. O. WILKINS - DIRECTOR
  - TRANSFORMER SHOP — J. BLUM
  - PAINTING & PLATING SHOP — R. LA ROSEE
  - MACHINE AND SHEET MET. SHOP — ZIMMERMAN
  - WINDOW SHOP
  - TOOLS AND STOCK — C. TAMM

CULLUM

- **TRANSITION DIV.**
  BROOKS COORDINATOR
  FLYNN RECEIVERS
  SINGLETON ANTENNAE
  MACQUIVEY ALLOCATION
  SCOTT A-500 C
  MOSES WINDOW & MISC.
  LUBIN TEST EQUIP.
- **LIAISON DIV.**
  CULLUM COORDINATOR
  BARNARD PROJECTS
  DANIELL ARMY; BuAer
  HOLT ATSC; BuAer
  HAMMETT THEATRE LIAISON & TESTS
  JASBERG REPORTS
  VILLARD, Navy (except BuAer)
- **BROOKS**
  - PUBLISHING — SCHMITZ
    - PHOTOGRAPHY
  - INSTRUMENTS — WILSON

- **A-HIGH POWER**
  SALISBURY
  DOW
  LIVINGOOD
- **M-ANTENNAS & D-F**
  ALFORD
- **RESEARCH & ANALYSIS**
  VAN VLECK
  BLOCH
  - G-THEORY & OPERATIONAL ANALYSIS — VAN VLECK
  - DOCUMENT ROOM — HAMERMESH
  - H-NOISE — COBINE
  - WINDOW — WHIPPLE; KUIPER
- **A-J-DIVISION**
  O'BRIEN - Head
  FARLEY Asst Head
  COWAN Lab.
  ATHEY Motion Picture

STANDING COMMITTEES

EXECUTIVE COMMITTEE
TERMAN CHAIR. — ELLIOTT
BREED — SALISBURY
BYRNE
CULLUM — VAN VLECK
OLIPHANT, SECY.

PROJECT COMMITTEE
REVIEWING COMMITTEE ON PROJECTS & URGENCY
TERMAN — HULSTEDE
BYRNE — ALFORD
CULLUM — SALISBURY
YUNKER
BARNARD SECY

COMMITTEE ON PERSONNEL
TERMAN CHAIR.
BREED VICE-CHAIR.
SUTHERLAND SECY. (ALT. A. H. NILE)
WILKINS { DRAFTING, MACHINE SHOP, PRODUCT ENGINEERING
HULSTEDE { RESEARCH ASSOCIATES, TECHNICIANS
BOWDITCH BUSINESS OFF. & ALL OTHERS
E. MUDGE WOMEN EMPLOYEES

EDITORIAL COMMITTEE
VAN VLECK CHAIRMAN
BLOCH DEPUTY CHAIR.
REICH SECY. EDITORIAL COORDINATOR
BROOKS PUBLISHING
GAGER EXECUTIVE ENGINEER
HOLT PROGRESS REPORTS
HAMERMESH DOCUMENT ROOM
MACQUIVEY, JASBERG } LIAISON DIV.

RECEIVER DESIGN COMM.
HULSTEDE CHAIRMAN
SPANGENBERG SECY.
BYRNE — PETTIT
CULLUM
FLYNN

TRANSMITTER DESIGN COMM.
BYRNE CHAIR — CULLUM
HULSTEDE SECY.
LUBIN — YUNKER
SALISBURY (DOW)

FIELD COMMITTEE
PETERSON CHAIR.
HAMMETT SECY.
BYRNE — SUTHERLEN
FARLEY — YOUNGBLOOD

INSTRUMENT COMMITTEE
OVERACKER CHAIR. — BYRNE
LUBIN — CULLUM
SPANGENBERG — WHITE
WHOLEY SECY.

MICROWAVE SYSTEM COMM.
TERMAN CHAIRMAN
ALFORD — HULSTEDE
BYRNE — SALISBURY (DOW)
CULLUM — YUNKER
WHITE SECY.

FIELD ACTIVITIES

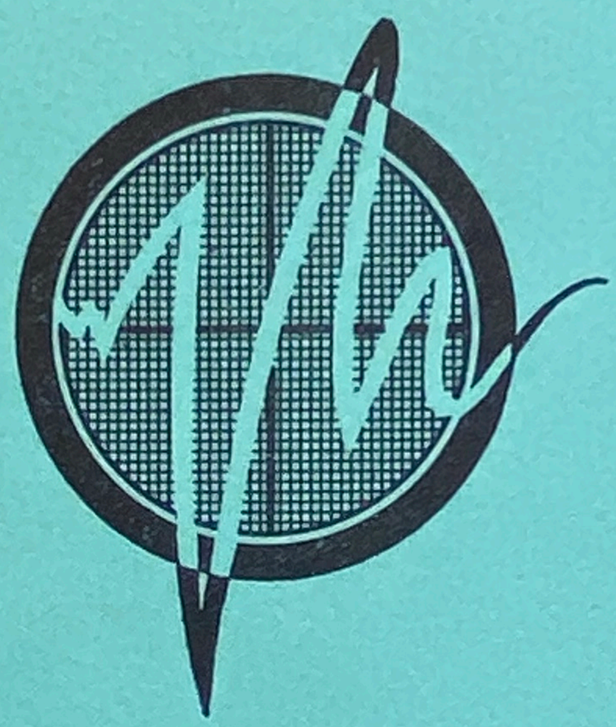
ABL-15
MALVERN, ENGLAND
DYER DIRECTOR
PETTIT ASSOC. TECH. DIR.
CHASE ASSOC. ADMINIS. DIV.
FRANCIS BUS. MGR.
HOLT F.S.L.
OPERATES AS PART OF RRL UNDER CONTRACT OEM Sr 1045

FIELD DIVISION & COMMITTEE
PETERSON Head
MORAN ASST. HEAD
APPARATUS - PETERSON
SYSTEMS - FARLEY
FLOROSA - YOUNGBLOOD DIRECTOR
PENDERGRAST BUS. MGR.

OVERSEAS MISSIONS
1. SARD, DEAKINS etc.
2. BUSS, FOSTER, RABURN
3. MONROE, WITTKOPF, SCHEUCH
4. KAISEL
5. OLIPHANT
6. KUIPER

RESTRICTED

R·R·L·
PERSONNEL DIRECTORY



APRIL 15, 1945

RADIO RESEARCH LABORATORY

RESTRICTED

RADIO RESEARCH LABORATORY
PERSONNEL DIRECTORY
April 15, 1945

F. E. TERMAN, *Director*
A. E. CULLUM, JR., *Associate Director*

J. F. BYRNE, *Executive Engineer*
N. P. BREED, *Business Manager*

NDRC — DIVISION 15 COMMITTEE

Suits, C. G., *Chairman*
Black, K. C.
DuBridge, L. A.
Jolliffe, C. B.
Moore, J. H.
Potter, R. K.
Terman, F. E.

NDRC — DIVISION 15, TECHNICAL AIDE

Harris, D. B., *Principal Technical Aide*
Regan, Ellen, *Secretary*
Albrecht, H. W., *Technical Aide*
Felton, Katherine, *Secretary*

Donahue, J. D., *Administrative Assistant*
Arau, Lucine
Bresnan, Mrs. Helen
McCabe, Mrs. Margaret
Slater, Dorothy

ARMY OFFICES

SCGSA Liaison Office

Dodge, A. O., Lt. Col., *Liaison Officer*
Anderson, N. E., 1st Lt., *Officer in Charge, RRL*
Hammer, W. A., 1st Lt., *Liaison Assistant*
Kerns, D. M., 1st Lt., *Test Equipment*
Smillie, Claudia, *Secretary*

ATSC Communications Field Office

MacDuff, F. H., Lt. Col., *Commanding Officer*
Duffy, D. P., Capt.
Summers, I. A., Capt.
Johnson, R. A., 1st Lt.
LaRochelle, J. A., Capt., *Property*
Brown, Margaret, *Secretary*

4148 AAF Base Unit, Bedford Field

Mullin, J. J., Lt. Col., *Commanding Officer*

Bedford Army Air Field

Wright, C. L., Lt. Col., *Commanding Officer*

Cambridge Signal Patent Agency

Kilburn, H. T., Capt., *Officer in Charge*
Mooney, D. D., 1st Lt.
Tirico, A. L., 1st Lt.
Milner, J. B., 2nd Lt.
Bennett, Barbara, *Secretary*

NAVY LIAISON OFFICE

Ferrier, D. T., Comdr., USN (Ret.)
Mains, M. C., Lt. Comdr., USN (Ret.)
Mitchell, J. K., Lt., USNR
Graham, J. W., Lt., USNR
Fryer, E. M., Lt., USNR
Bisby, J. F., Lt., USNR
Goerger, O. R., Lt., USNR
Campbell, J. P., Lt., USNR
Clarke, L. G., Lt. (jg), USNR
Bergemann, R. J., Jr., Ens., USNR
Stoddard, C. N.
Holmes, A. Louise, *Secretary*
Kenney, Mrs. Jean, *Secretary*
Lyons, Joselyn, *Secretary*
Smith, Margaret, *Secretary*

Project Cast

Christensen, H., Comdr., USNR

DIRECTOR'S OFFICE

Terman, F. E., *Director*
Mudge, Elizabeth, *Administrative Assistant*
Hubbard, Elizabeth, *Secretary*
Cullum, A. E., Jr., *Associate Director*
Witherell, Audrey, *Secretary*
Cahill, F. C., *Assistant to the Director*
Aschauer, Jane, *Secretary*
Holt, R. B., *Field Station Liaison*
Daley, Jean, *Secretary*

EXECUTIVE ENGINEER'S OFFICE

Byrne, J. F., *Executive Engineer*
Cushman, R. W., *Asst. to Executive Engineer*
Learnard, R. B.
Monroe, R. B., *Asst. to Executive Engineer*
Steele, Mrs. Ellen, *Secretary*

BUSINESS MANAGER'S OFFICE

Breed, N. P., *Business Manager*
Turner, Louise, *Secretary*

RESEARCH DIVISION OFFICES

A/J DIVISION

Cahill, F. C., *Division Head*
Farley, W. W., *Ass't. Division Head (Systems Field Testing)*
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*

FIELD DIVISION

Peterson, D. A., *Division Head, & Head of Apparatus Field Testing*
Fairbanks, Mrs. Doris, *Secretary*
Youngblood, J. F., *Director, Florosa Field Station*
Farley, W. W., *Systems Field Testing*

TRANSMITTER DIVISION
(Formerly Groups B & F)

Yunker, E. A., *Division Head*
Geary, E. Catherine, *Secretary*

RECEIVER DIVISION

Hulstede, G., *Division Head*
Bain, Mrs. Gladys, *Secretary*
Christensen, J. W., *Group Leader, C*
Overacker, H. E., *Group Leader, D*
Spangenberg, K. R., *Group Leader, Q*

RESEARCH AND ANALYSIS DIVISION

Van Vleck, J. H., *Division Head*
Bloch, F., *Ass't. Division Head*
Cobine, J. D., *Group Leader, H*
*Sard, R. D., *Head, Document Room*
Hamermesh, M., *Acting Head, Document Room*
Van Vleck, J. H., *Group Leader, G*
*Kuiper, G. P. } *Window*
Whipple, F. L. }

RESEARCH AND ALLIED GROUPS

GROUP A

Salisbury, W. W., *Group Leader*
Pease, Mrs. Beulah, *Secretary*
Dow, W. G., *Ass't. Group Leader*
Griggs, Charlotte, *Secretary*
Livingood, J. J., *Ass't. Group Leader*

Ambroseno, B.
Artman, R. G.
Crawford, F. H.
Duggan, J. R.
Early, H. C.
Hansen, N. O.
Hare, M. D.
Hawes, A. R.
Hok, C. G.
Leonard, Virginia
Ohlsson, R. L.
Otis, C. F.
Parker, G. W.
Pease, M. C.
Turnbull, J. C.
Welch, E. S., Jr.
Welch, H. W., Jr.

*Bailey, F. J., *Diesel Engineer*

A/J DIVISION

Cahill, F. C., *Division Head*
Farley, W. W., *Ass't. Division Head (Systems Field Testing)*
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*
Harris, E. Katherine, *Clerk*

Anger, H. O.
Ashus, A.
Brill, E. R.
Davis, K. A.
Ericksen, R. J.
Forget, R. C.
Grant, L. E.
Gray, C.
Hoglund, R. H.
Keck, A.
Kell, R. E.
Oinonen, K. W.
Packard, F. C.
Pan, W. Y.
Towle, M. L.
Woodruff, J. H.

* Now on Field Mission.

GROUP C
(Under Receiver Division)

Christensen, J. W., *Group Leader*

Corbin, P. M.
D'Addario, M. J.
Hatch, R. M.
Loomis, C. C.
Moyer, R. C.
Norton, R. A.
Overfield, Muriel
Pearson, P. A.
Power, Valerie
Strong, H. W.

GROUP D
(Under Receiver Division)

Overacker, H. E., *Group Leader*

Cary, R. J., Jr.
Gerson, H. I.
Green, R. W.
Griffin, S. J.
Heintz, R. M.
Hussey, F. L.
Kamphoefner, F. J.
Kearney, J. W.
Kolstad, G. A.
Lawlor, W. J.
Lebenbaum, M. T.
McIntee, W. E.
Paignon, Phyllis
Powers, E. P.
Petrich, R. O.
Rakestraw, D. L.
Riemitis, C.

DOCUMENT ROOM

*Sard, R. D., *Head*
Hamermesh, M., *Acting Head*
Weinstock, R.

Ladd, Mary Elizabeth
Beardslee, Betsy
Cox, Mrs. Marjorie
Desjardins, Jean
Linnitt, Barbara
Sawtell, Mrs. Beverly
Stewart, Mrs. Mildred

EDITORIAL DIRECTOR'S OFFICE

Reich, H. J., *Editorial Director*
Halloran, A. H., *Consultant*
Pfaff, Jean, *Secretary*

FIELD DIVISION

Peterson, D. A., *Division Head & Head of Apparatus Field Testing*
Moran, J. M., *Assistant to Head*
Fairbanks, Mrs. Doris, *Secretary*
Whitby, O. W.
Wilding-White, R. Q.
Wittkopf, J. J.

Farley, W. W., *Systems Field Testing*
Youngblood, J. F., *Director, Florosa Field Station*

* Now on Field Mission.

GROUP G

Van Vleck, J. H., *Group Leader*
Bloch, F., *Asst. Group Leader*

Farnsworth, Mary Jane
Foster, D. D.
Hamermesh, M.
Middleton, D.
Pressly, Eleanor
*Sard, R. D.
Weinstock, R.

(Window)

Whipple, F. L.
*Kuiper, G. P.
Strong, Mrs. Phyllis, *Secretary*

Taylor, D. W.
Tyler, A. W.
Wallour, C.

GROUP H

Cobine, J. D., *Group Leader*

Curry, J. R.
Gallagher, C. J.
Gratrix, H. A.
Jastram, P. S.
Ruthberg, S.
Sanders, G. C.

INVENTION DISCLOSURES

Barrett, E., *Head*
Priest, Mrs. Katharine, *Secretary*

Brown, I. M.
Jameson, Marie
Nash, Mrs. Mary
Nile, A. H. (*Ex Officio*)

GROUP M

Alford, A., *Group Leader*
Gerrie, Elizabeth, *Secretary*
Ingalls, Evelyn, *Secretary*

Allen, J. E.
Ayer, L. H.
Barkofsky, E. C.
Beraducci, S.
Beucler, J. F.
Bock, E. L.
Carles, R. C.
Clark, H. K.
Dorne, A.
Driscoll, Clare
Errico, F.
Gage, W. M.
Goozay, R. D.
Hansen, R. H.
Harbury, P. L.
Harring, D. M.
Haskell, M. W.
Heavey, Mrs. Martha
Hudon, O.
Kraus, J. D.
Knight, G. A.
Lazarus, D.
Margolin, J.
McGuigan, W. D.
McSheehy, W. H.
Minot, H. P.
Mizen, C. A.
Nelson, Jessie
Peterson, A.
Pride, D. W.
Shaw, Eleanor
Smith, N.
Waitt, Edna
Ward, D. T.
Wilhoit, D. I.

GROUP P — FLOROSA FIELD STATION

Youngblood, J. F., *Director*
Pendergrast, C. F., *Business Manager*
Hodge, Mrs. Alberta, *Secretary*

Anderson, R. E.
Malaguti, J. F.
Morgan, A. N.
Vermillion, R. K.
Wartzok, D. F.

PROGRESS REPORTS

Holt, R. B.
Daley, Jean, *Secretary*

GROUP Q
(Under Receiver Division)

Spangenberg, K. R., *Group Leader*
Sturtevant, Barbara, *Secretary*

Boodry, G. E.
Cohn, S. B.
Fine, F. R.
Howe, S. D.
Huggins, W. H.
Manning, L. A.
Moizeau, Mrs. E.
Moore, T. E.
Rambo, W. R.
Richards, P. I.
Tuck, L. D.
Wadey, W. G.
Wedel, J. J., Jr.
Wills, R. C.
Wrobleski, W. D.
Zeidler, H. M.

RECEIVER DIVISION

Hulstede, G., *Division Head*
Bain, Mrs. Gladys, *Secretary*
(See Groups C, D, and Q)

GROUP Y
(Under Engineering Services)

Plotts, E. L., *Group Leader*
Pannebaker, Mrs. Barbara, *Secretary*

Design and Production Coordination

Plotts, E. L., *Head*
Kelly, Virginia, *Secretary*

Barnes, F. R.
Eldredge, J. H., Jr.
Morehouse, G. D.
O'Neill, H. T.
Shuler, E. W.
Smith, E. C.

Test

*Deakins, G. E., *Head*
Brockman, M. H., *Acting Head*
Sessler, Mrs. Natalie, *Secretary*

Billington, W. P.
Dowell, M. R.
Grant, P. T.
Kinsman, E. F.
Lazarkis, P. J.
Lee, C. F.
Owen, E. W.
Rogers, T. F.
Scates, J. K.
Zucker, F. J.

* Now on Field Mission.

TEST AND STANDARDS DIVISION

Gager, F. M., *Head*
Tuttle, Virginia, *Secretary*

Belles, H. W.
Chase, Arbella
Cooley, R. D.
Crispell, H. L.
Halberstadt, E.
Kitowicz, W. F.
Lord, W. W.
Marshall, J. R.
Navid, B. N.
Norton, R. S.
O'Brien, R. G.
Rhiger, R. R.
Riley, J. C.

TRANSMITTER DIVISION
(Formerly Groups B & F)

Yunker, E. A., *Division Head*
Geary, E. Catherine, *Secretary*

Aims, B. P.
Barnes, R. B.
Barrett, E.
Berggren, E. J.
Bigelow, Joan
Bridgeford, G. R.
Burns, E.
Clark, J. L.
Gardner, G. W.
Googins, W.
Haffenreffer, Mrs. M.
Howes, D. E.
Hunt, J. M.
Hurley, W. A.
Jacobs, G.
Kriegel, H. C.
Loebel, L.
Reich, H. J.
Reid, R. E.
Steigerwalt, O. I.
Turner, A. T.
White, W. D.
Wickles, F. J.
Wilson, B. J.

GROUP U

Overacker, H. E., *Group Leader*

Ayer, H. C.
Boynton, W. H.
Bruns, R. A.
Eames, A. M.
Hadley, C. F.
Jeffries, C. D.
Krones, R.
Paignon, Phyllis
Swinney, J. G. C.
Wholey, W. B.

Assembly

Evans, G. E., *Head*
Strick, H. A., *Ass't. Head*

Baldwin, C. P.
Berry, Mrs. Arline
Boratgis, J. P.
Caswell, F. H.
Ceriello, J. M.
Coburn, G. M.
Cragin, G. R.
Fallon, June
Fernald, Mrs. Margaret
Frickey, Florence
Gorton, Mavis
Hagen, Ethel
Harding, R. W.
Ivonen, Ann
Leave, F. R.
Meanor, Marilene
Meyer, Mrs. Hope
Ottaviani, Marie
Rogers, J. B.
Rosenberg, H. W.
Snow, P. H.
Winer, Mrs. Margaret

Electrical Inspection

Brown, P. M.
Mable, R. T.

CONSULTANTS

Allaire, R. P.
Ashby, R. M.
Beranek, L. L.
Boring, E. G.
Chaffee, E. L.
Chu, L. J.
Clogston, A. M.
Collins, G. B.
Connelly, C. M.
Cork, B. B.
Everhart, E.
Feldmeier, J.
Gaither, H. R.
Garman, R. L.
Goldmark, P. C.
Goudsmit, S. A.
Guillemin, E. A.
Halloran, A. H.
Harrison, W. T.
Hendricks, P. S.
Hinkley, J. W.
Howard, J. K.
Johnson, H. M.
Jordan, W. H.
King, R. W. P.
Knipp, J.
Lawson, J. L.
Liebowitz, B.
Linford, L. B.
McCreary, R. L.
Marshall, L. C.
Martin, E. G.
Mimno, H. R.
Nelson, R. R.
Newman, E. B.
Peterson, A. P.
Reedy, P. H.
Rollefson, R.
Rudmose-Jones, H. W.
Sather, O.
Serrell, R.
Silliman, R. M.
Sinclair, B. S.
Smith, D. T.
Smith, W. V.
Stevens, S. S.
Stone, A. M.
Tape, G. F.
Uhlenbeck, G.
Van Atta, L. C.
Wallace, R. L., Jr.
Wallman, H.
White, D. G.
Wing, A. H., Jr.

FIELD MISSIONS

Bailey, F. J.
Buss, R. R.
Deakins, G. E.
Kaisel, S. F.
Kuiper, G. P.
Oliphant, C. W.
Sard, R. D.
Scheuch, D. R.
Stucke, A. F.
Sutro, P. J.

TRANSFERRED TO O.S.R.D. OFFICE OF FIELD SERVICE

Harman, A. R.
Vidro, E. F.
Yakutis, A. J.

SERVICE DIVISION OFFICES

ACCOUNTING DIVISION
(Includes General Accounting and Perpetual Inventory)

Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*

ENGINEERING SERVICES
(Coordinates Group Y, Drafting and Design, Shops, and Planning)

Dunleavey, F. S., *Production Supervisor*
Abbott, Mrs. Priscilla, *Secretary*

FACILITIES DIVISION
(Includes Building Operations, Traffic Department, Woodshop and Plastics)

Bowditch, E. F., *Division Head*
Adams, Virginia, *Secretary*

LIAISON DIVISION

Cullum, A. E., Jr., *Division Head*
Witherell, Audrey, *Secretary*

PROCUREMENT DIVISION
(Includes Expediting and Materials Liquidation, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

TRANSITION DIVISION

Brooks, E. D., *Transition Coordinator*
Anderson, Jean, *Secretary*

SERVICE DEPARTMENTS

ACCOUNTING DIVISION

Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*
Lunden, F. O., *Cashier*
Robinson, Mrs. Rita, *Payroll*

General Accounting

Nichols, F. W., *Head*
Cleeves, Mrs. Laura, *Secretary*
Aducci, Mary
Barker, Helen
Bradbury, Mrs. Ailene
Duby, Elise
Ghikas, Phalia
Glazebrook, A. H.
Harding, Mrs. Muriel
LaPorte, Nancy
Murray, L. M.
Proctor, Mrs. Jean
Sheridan, Mildred
Sweetland, Audrey

Cost Accounting

Bunten, A. D.
Vasilakopoulos, Rose
Maynard, F. W.

Auditing

McGillicuddy, J. B.
Kelson, Edna

Shipping Records

Baker, J. H.
Horvath, Rita
Martin, Emily

Perpetual Inventory

Elbery, W. P., *Head*
Deary, F. J.
Dukeshire, H. B.
Peterson, E. F.
Wall, J. J.

AIRPORT

Sutherlen, G. R., *Head*
Lepos, Blanche, *Secretary*
Gillespie, J. W.
Grover, L. C.
Hopkinson, R. F.
Phillips, A. B.
Stubbs, R. F.
Sullivan, J. C.

BUILDING OPERATIONS
(Under Facilities Division)

Cutter, W. G., *Department Head*
Bishop, Irene (*Stationery Stock*)
McHugh, Mary (*Ass't. Stationery Stock*)
Power, Loretta (*Keys*)
Goodwin, Dorothea

Utility Men

Davin, W. J., *Head*
Bearse, D.
MacArthur, R.
Massey, G. H.
Morano, J.
Nestor, M. T.

Elevator Operators

Bowden, C. W.
Melanson, T. E.

Matron

Whalen, Mrs. Kathleen

BUILDING OPERATIONS (*Continued*)

Night Janitorial

Murphy, J. J., *Night Supervisor*
Biergiel, J. J.
Brooks, A. W.
Chambers, Mrs. E.
Cullity, Mrs. Nora
Daly, Mrs. Rose
Dennehy, Mrs. Abbie
Dorgan, Mrs. K.
Dunphy, Mrs. Anna
Forster, Mrs. Julia
Jackson, G. L.
Landry, Mrs. Frances
McCarthy, Mrs. Margaret
McCormack, Mrs. Mary
McNamara, Mrs. Mary
Morrison, Mrs. Evelyn
O'Reilly, W. J.
Sheehan, Mrs. Ruth
Walker, Mrs. Elizabeth
Walsh, Mrs. Annie

DRAFTING AND DESIGN
(Under Engineering Services)

Wylde, C. I., *Department Head*
Bradt, H. G., *Chief Draftsman*
Allen, R.
Breed, A. W.
Brush, M. R.
Dalton, G. A.
Der Hohannesian, G.
Dion, A. O.
Freeman, J. H.
Fulkerson, C.
Glynn, F. S.
Gulick, M. B.
Hanson, A.
Horton, H. M.
Johnson, E. G.
Johnson, M. C.
Johnston, Georgina
Kalt, O. C.
Kelley, L. B.
Kennedy, R. W.
Lapidas, M.
Lauriat, L.
Macdonald, H. S.
Morse, Nancy
Moulding, Mrs. Bara
Parker, S. B.
Peirce, H.
Pertzoff, C. A.
Pureka, T. T.
Putnam, W. E.
Romano, T. D.
Shaw, R. H.
Traverse, J. M.
Williams, C. P.
Wolford, C. E.

Secretarial and Clerical

Casavant, June
Corliss, Mary
Haley, Mrs. Mary
Lightner, Elizabeth
Murdock, Mrs. Laurette
Petrow, Mrs. Jennie
Wright, Mrs. Frances

ENGINEERING SERVICES
(Coordinates Group Y, Drafting and Design, Shops, and Planning)

Dunleavey, F. S., *Production Supervisor*
Abbott, Mrs. Priscilla, *Secretary*

EXPEDITING AND MATERIALS LIQUIDATION
(Under Procurement Division)

Rogers, R. C., *Department Head*
Murphy, Mary, *Secretary*
Currie, W. H., *Expeditor*
Smythe, Mrs. Josephine, *Expeditor*
Reed, Mrs. Sigrid, *Chief Clerk*
Pugh, Mary, *Clerk*

FACILITIES DIVISION
(Includes Building Operations, Traffic Department, Woodshop and Plastics)

Bowditch, E. F., *Division Head*
Adams, Virginia, *Secretary*

FIELD STATION LIAISON

Holt, R. B., *Department Head*
McKenna, Elizabeth, *Secretary*
Daley, Jean, *Secretary*
Cobb, Ann, *Secretary*

GUARDS

Linscott, C. H., *Security Officer*
Bouzane, C. M., *Supervisor*
Rogers, H. G., *Supervisor*
Barry, J. J.
Boyle, W. E.
Braun, W. J.
Brennan, J. J.
Coyne, M. D.
Creedon, J. D.
Dayton, R. W.
Dillon, F. J.
Driscoll, T. J.
Hart, A.
Johnson, J. F.
Kelley, E. J.
Lawrence, G. C.
Litch, J. H.
MacIntosh, B. A.
Martin, W. J.
McMurray, T. J.
Murphy, M. F.
Regan, D. P.
Rodden, J. J.
Shaw, J.
Shaw, W. S.
Stevenson, P.
Tillson, H. V.
Whiting, E.
Woodbury, J. R.

INSTRUMENTS

Wilson, V. P., *Department Head*
Sowles, Phebe, *Secretary*
Barron, A. J.

KARDEX
(Under Procurement Division)

Bartram, Mrs. Dorothy, *Department Head*

Berger, Mrs. Margaret
Brooks, Harriet
Butler, Mrs. Hope
Raymond, Ruth

LIAISON DIVISION

Cullum, A. E., Jr., *Division Head*
Witherell, Audrey, *Secretary*
Leadbetter, Barbara, *Senior Clerk*
Barnard, R. C., *Projects and Records*
Popa, Mrs. Irene, *Secretary*
Barresi, Florence, *Clerk*
Bacorn, Barbara, *Coordinator of Project Center*
Phippen, Lydia, *Assistant*
Stevens, Mrs. Jean, *Clerk*
Caldwell, Christine, *Secretary*

Liaison Representatives

Daniell, C. M., *Army, Navy* (BuAer)
Nonnemaker, Mrs. Ruth, *Secretary*
Hammett, R. L., *Special Projects & Field Tests*
Villard, O. G., Jr., *Navy* (other than BuAer)
Wolff, Mrs. Doris, *Secretary*
Bacorn, Barbara, *Assistant*
Holt, R. B., *ATSC, ARL* (Dayton, Ohio)

Report Section

Jasberg, J. H., *Head*
Anton, Martha, *Secretary*
Cola, Irene, *Secretary*
Wright, Marie, *Secretary*

MECHANICAL CONSULTANT

Elliott, H. F.

MECHANICAL ENGINEERING

Malles, R. E., *Department Head*

Gundlach, H.
Neuberger, G. F.
Upham, L. D.
Vuilleumier, Olivia

PERSONNEL DEPARTMENT

Sutherland, G. A., *Personnel Director*
Hickman, R. W., *Advisor*
Dimick, Carolyn, *Secretary*
Dix, W. S., *Asst. Personnel Director*
Nile, A. H., *Asst. Personnel Director*
Bonney, Ruth
Dunlap, Mrs. Grace
Hatch, Barbara
McPartland, Marguerite
Stanley, Mrs. Elizabeth, *Nurse*
Thomas, Maude, *Selective Service Supervisor*
Giddings, Mrs. Lenore

PHOTOGRAPHY DEPARTMENT
(Under Publishing Division)

Friedman, R. S., *Department Head*

Hall, M. T.
Mason, G. W.
Toye, Phyllis

PLANNING DEPARTMENT

Dunleavey, F. S., *Head*
Morley, H. B., *Ass't. Head — Electronics Section*
McGah, J. T., *Ass't. Head — Engineering Liaison*
Carlson, Mrs. Marjorie, *Secretary*

Electronics Section

Morley, H. B., *Head*
Ingwalson, Mrs. Gloria, *Secretary*
Eaton, R. K.
Goodwin, A. B.
Jacobs, G. B., *Transformer Designer*
Robinson, C. J.

Engineering Liaison

McGah, J. T., *Head*
Schroeder, Mrs. Marjorie, *Secretary*
Merchant, H. A., *Expeditor*

Subcontract Section

Perkins, E. M., *Head*
Bishop, Ann, *Secretary*
Holland, G. E.
Vitagliano, A. H.
Waechter, P. M.
Hart, Mrs. Frances, *Secretary*

PROCUREMENT DIVISION
(Includes Expediting and Materials Liquidation, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

PUBLISHING

Schmitz, E. A., *Division Head*
Donaldson, P. H., *Advisor*
Sawyer, A. E., *Production Manager*

Illustration

Adams, F. P., *Department Head*

Barnard, Mrs. Katherine
Bernard, Mary
Bernier, Muriel
Burton, Mrs. Mae
Crosby, Mrs. Elinor
Dyer, Elizabeth
Heidt, Mrs. Constance
Livingstone, Mary
Last, F. N.
Wood, Greta

Multilith

Sturges, D. R., *Department Head*

French, Miriam
Hatfield, Dorothy
Holmes, Mary
Ruddiman, R. J.

Distribution

Peet, O., *Department Head*

Carlson, Phyllis
Kessler, Mrs. Helen
Pinney, Mrs. Iva

Duplicating

Jellison, Ann, *Department Head*

Allen, Barbara
Loper, Gwendolyn

PURCHASING DEPARTMENT
(Under Procurement Division)

Gibson, F. M., *Purchasing Agent*
Gill, J. A., *Asst. Purchasing Agent*
Meredith, Carolyn, *Secretary*

Buyers

Burd, E. D.
Jones, N. E.
Taft, F. W.

Clerks

Alexander, Mildred
Gowtage, Mrs. Norma
O'Neill, Margaret
Peterson, Rita

RECEIVING AND SHIPPING ROOM
(Under Procurement Division)

Jones, E. V., *Department Head*

Cail, W. V.
Dallmer, A. J.
Fawcett, J. C.
O'Leary, A. F.
Oleson, C. K.
Szidat, S.
Tice, G. J.
Winstanley, D. J.

STOCKROOM
(Under Procurement Division)

Fogg, E. W., *Manager*
Mulcahey, J. D., *Asst. Manager*

Fitzgerald, Eleanor
Fuller, C. G.
Kleinfelder, Ann
Koocher, A.
MacKinnon, F. R.
MacQuarrie, June
O'Brien, E. R.
O'Brien, Irene
Reid, Mrs. Margaret
Welch, R. A.

SUBCONTRACTING DEPARTMENT
(Under Procurement Division)

Cooke, L. S., *Department Head*
Lee, Dorothy, *Secretary*

Locke, A. E.
McCullough, M. A.
Scantland, B. B.
Smith, G. M.

SHOPS DIVISION

Wilkins, A. O., *Director of Shops*

MACHINE SHOP

Zimmerman, J. C., *General Foreman*
Machinists & Sheet Metal Workers

Day Shift

Bates, G., *Foreman*
Arnold, N. H.
Bachand, L. A.
Barba, M. J.
Barrington, K. P.
Batchelder, R. M.
Bjork, A. W.
Bowie, N. W.
Boyington, L. E.
Brown, H. C.
Carle, A. J.
Davidson, A. J.
Devonshire, H. F.
Erickson, R. W.
Haigh, R. G.
Hanna, K. C.
Hemmerdinger, W. J.
Hood, T. W.
Johansen, E. L.
Kershaw, W. F.
Langguth, C. A.
Lawson, Nancy
Lindi, A.
Livingston, G. P.
Mansfield, W. A.
Perry, J. W.
Selander, K. H.
Smith, E. B.
Staples, R. S.
Thoresen, T. E.
Usis, S.
Williamson, G. J.

Cushing, D. C., *Foreman*
Angell, O. R.
Bent, L. T.
Berg, O. W.
Berry, G.
Burgess, Doris
Crum, K. L.
D'Angelo, Nina
Desmond, H. B.
Eastham, Mrs. Myrtle
Farnham, A. E.
Grow, Frances
Hudon, E. E.
Huntoon, W. H.
Jones, Evelyn
Lyons, Marion
Marston, E. L.
McIlwraith, Mollie
Petrelli, Leonora
Roberts, J. A.
Rogers, N. I.
Walker, Geraldine
Wellington, Margery
Worthington, Illione
Yule, J. C.

Paine, F. W., *Project Inspector*

Night Shift

Christensen, A., *Foreman*
Butler, D. A.
Cawthron, F.
Cooper, F. J.
Cooper, P.
Daley, F. A.
Dow, E. H.
Doyle, W. A.
Dudley, F. A.
Flaherty, H. F.
Goodwin, W. R.
Hewitt, F. H.
Jackson, W. B.
Locke, A. J.
McNally, J. H.
Mehne, F. E.
Morris, R. D.
Parker, F. L.
Porter, L.
Reichenbacher, C. J.
Roy, W. H.
Smith, R. O.
Stote, R. H.
Tosi, A. L.
Watson, E.

SHOPS DIVISION OFFICE

Tamm, C. E., *Administrative Supervisor*
Maher, J. J., *Assistant to Supervisor*
Trenchard, Mrs. Mary, *Secretary*
Booth, Mrs. Elizabeth
Glazer, Mrs. Lillian
Harrington, Ruth
Pollard, Harriet
Rozon, Dorothy

Laboratory Shops

Daley, F. A., *Tool Inspector*
Crandall, Thelma
Landfear, A. H.

Production Material Department

Whittier, M. S., *Supervisor*
Brodeau, H. J.
Downey, M.
Higgins, N. G.
McPherson, S. H.

Raw Stock Department

Tompson, S. E., *Raw Stock Inspector*
Breed, B.
Deming, Elvena
Downing, E. J. (nights)
Fortune, E. M.
Pollard, L. R.
Ruck, J. F.
Sargent, E.

Tool & Stock Department

Wheeler, Mrs. Elizabeth, *Tool & Stockroom Mgr.*
Regan, Barbara, *Asst. Tool & Stkrm. Mgr.*
Scribner, L. T., *Toolroom Mgr. (nights)*
Beach, Barbara

PAINTING & PLATING SHOP

LaRosee, R. L., *Foreman*
Corliss, F. M.
Gallagher, J. L.
LeDoux, E.
McClellan, W. F.

TRANSFORMER SHOP

Blum, J. W., *Foreman*
Anastasy, N. L.
Chandonnet, H. J.
Hartel, E. J.
LeBlanc, F. A.
Temple, D. H.

SWITCHBOARD

(Under Building Operations)

Pearl, Mrs. Marie, *Head Operator*
Burns, Mrs. June
Power, Mrs. Margaret
Salvucci, Mrs. Katherine
Thomas, Margaret
Kelly, Mrs. Gertrude (*nights*)
Mahoney, Mrs. Mary (*on call*)

TRAFFIC DEPARTMENT

(Under Facilities Division)

Bradley, R. F., *Head*
Maley, J. J., *Reservations*
Nibbe, Mrs. Geneva, *Secretary*
Harrison, Dorothy, *Secretary*

Messengers — Mail

Lynch, Mary, *Head*
Dunn, Gloria
Hutton, Marjorie
Leonard, Louise
McGarr, Theresa
Mosher, Phyllis

Smith, Alice, *Telegrams*

Drivers

Lucas, K. A., *Dispatcher*
Aldersen, R. E.
Chase, B. A.
Guild, R. W.
Kennedy, G. E.

TRANSITION DIVISION

Brooks, E. D., Jr., *Transition Coordinator*
Anderson, Jean, *Secretary*
Flynn, R. M., *Receiver Section*
Womack, Flora, *Secretary*
Lubin, S., *Test Equipment Section*
Moses, M. G., *Window Section*
Singleton, H. C., *Antenna Section*
Melbye, Margaret, *Secretary*
Scott, R. C., *A-500C Section*
Harlow, Mrs. Hazel, *Secretary*
MacKechnie, H. K., *Assistant*
MacQuivey, Mrs. Edith
MacQuivey, D. R., *Transition Allocations*
Bigelow, E. L., *Assistant*
Howland, G. H., *Assistant*
Enright, Eleanor, *Secretary*
Olson, Mrs. Vivian, *Secretary*
Butler, Marjorie, *Clerk*
Alden, E. R., *Transition Instrument Room*
McLaughlin, H. C., *Assistant*

WOODSHOP & PLASTICS

(Under Facilities Division)

Hart, F. R., *Superintendent*
Cotter, Helen, *Secretary*
Vigliotti, L. H., *Foreman*
Andersen, H. L.
Annis, F. R.
Cook, R. J.
Earle, R. G.
Harrison, R.
Holland, W. R.
Jackson, H. W.
Portanova, J. R.
Williams, J. A.

AMERICAN-BRITISH LABORATORY OF DIVISION 15

Dyer, J. N., *Director*
Kustler, Gladys, *Secretary*
Fraenckel, V. H., *Consultant*

Pettit, J. M., *Associate Technical Director*
Chase, J. P., *Associate Administrative Director*

ADMINISTRATIVE PERSONNEL

Chase, J. P., *Associate Adm. Director*
Francis, E. L., *Business Manager*
Clarke, L. L., *Ass't. to Business Manager*
MacKillop, H., *Accountant*

DRAFTSMEN

Cate, A. R.
LeBoutillier, G. T.

MACHINISTS

Brown, C. H., *Foreman*
Covey, K. R.
Failla, C. F.
Rheaume, R. A.
White, J. W.

MECHANICAL ASSISTANT

Vallas, C. L.

STOCKROOM

Darcy, H. N., *Manager*
Meek, Helen
Moakler, Beatrice

DRIVER

Sullivan, J. T.

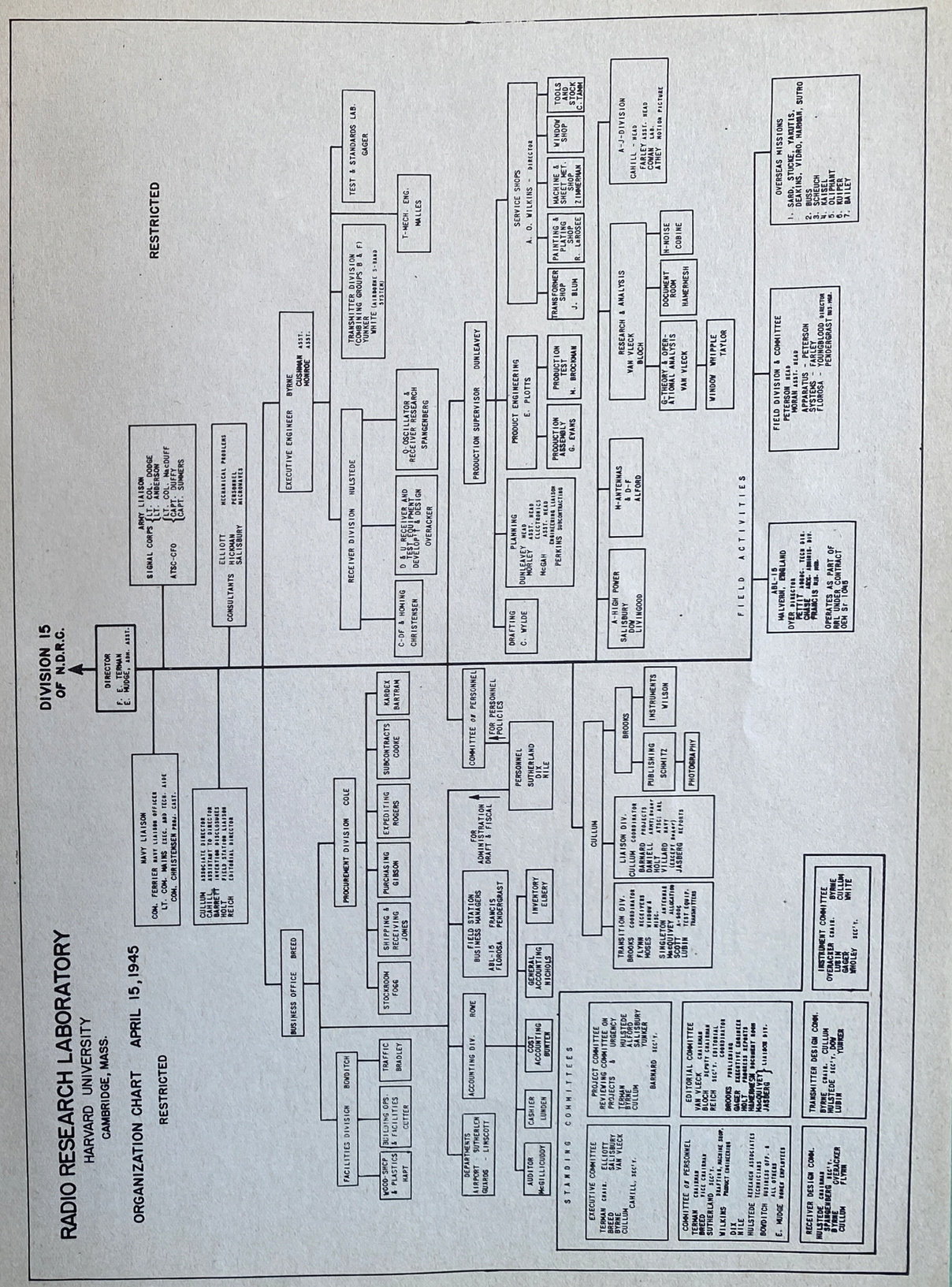
RESEARCH PERSONNEL

Pettit, J. M., *Associate Technical Director*

Adams, M. B.
Avery, R. E.
Bain, R. K.
Black, J. R.
Case, Mrs. Margaret
Clade, W. W.
Clark, C. B.
DeFeo, A. A.
Ellis, A. R.
Evans, W. E.
Farrell, W. E.
Foster, J. S.
Fubini, E.
Galt, J. K.
Gariepy, E. E.
Goble, A. T.
Gottlieb, M. B.
Granger, J. V.
Hagen, G. D.
Henkel, R. L.
Hollywood, J. M.
Horner, Grace
Keeler, P. M.
Keuffel, J. W.
King, R. C.
Klemm, G. H.
Kuck, B. M.
Kuhn, T. S.
Larsen, L. C.
Lewis, R. F.
Lusted, L. B.
McCouch, G. P.
McNees, S. G.
Miller, E. W.
Noe, J. D.
O'Brien, R. S.
Park, D. A.
Raburn, L. E.
Reynolds, D. K.
Robbiano, P. P.
Soderman, R. A.
Stephenson, J. G.
Symonds, A. V.
Wilson, R. E.

SECRETARIAL AND CLERICAL STAFF

Anderson, Julia
Baldwin, Rosemary
Clark, Shirley
Dale, Muriel
Fenn, Eva
Gilbert, Doris
Gray, Virginia
Kaspar, Rosalind
Kustler, Gladys
Mumford, Katherine
Palm, Doris
Rowlands, Corinne



RADIO RESEARCH LABORATORY

HARVARD UNIVERSITY
CAMBRIDGE, MASS.

ORGANIZATION CHART APRIL 15, 1945

RESTRICTED

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DIVISION 15
OF **N.D.R.C.**

DIRECTOR
F. E. TERMAN
E. MUDGE, ADM. ASST.

NAVY LIAISON
COM. FERRIER NAVY LIAISON OFFICER
LT. COM. MAINS EXEC. AND TECH. AIDE
COM. CHRISTENSEN PROJ. CAST.

ARMY LIAISON
SIGNAL CORPS — LT. COL. DODGE; LT. ANDERSON
ATSC-CFO — LT. COL. MacDUFF; CAPT. DUFFY; CAPT. SUMMERS

CULLUM — ASSOCIATE DIRECTOR
CAHILL — ASSISTANT TO DIRECTOR
BARRETT — INVENTION DISCLOSURES
HOLT — FIELD STATION LIAISON
REICH — EDITORIAL DIRECTOR

CONSULTANTS
ELLIOTT — MECHANICAL PROBLEMS
HICKMAN — PERSONNEL
SALISBURY — MICROWAVES

BUSINESS OFFICE BREED

FACILITIES DIVISION BOWDITCH
- WOOD-SHOP & PLASTICS HART
- BUILDING OPS. & FACILITIES CUTTER
- TRAFFIC BRADLEY

PROCUREMENT DIVISION COLE
- STOCKROOM FOGG
- SHIPPING & RECEIVING JONES
- PURCHASING GIBSON
- EXPEDITING ROGERS
- SUBCONTRACTS COOKE
- KARDEX BARTRAM

DEPARTMENTS
AIRPORT - SUTHERLEN
GUARDS - LINSCOTT

ACCOUNTING DIV. ROWE
- AUDITOR McGILLICUDDY
- CASHIER LUNDEN
- COST ACCOUNTING BUNTEN
- GENERAL ACCOUNTING NICHOLS
- INVENTORY ELBERY

FIELD STATION BUSINESS MANAGERS
ABL-15 FLOROSA — FRANCIS PENDERGRAST

FOR ADMINISTRATION DRAFT & FISCAL

COMMITTEE *ON* PERSONNEL

FOR PERSONNEL POLICIES

PERSONNEL
SUTHERLAND
DIX
NILE

CULLUM
- TRANSITION DIV.
  - BROOKS COORDINATOR
  - FLYNN RECEIVERS
  - MOSES WINDOW & MISC.
  - SINGLETON ANTENNAE
  - MacQUIVEY ALLOCATION
  - SCOTT A-500C
  - LUBIN TEST EQUIP. TRANSMITTERS
- LIAISON DIV.
  - CULLUM COORDINATOR
  - BARNARD PROJECTS
  - DANIELL ARMY; BuAer
  - HOLT ATSC; ARL
  - VILLARD NAVY (EXCEPT BuAer)
  - JASBERG REPORTS
- BROOKS
  - PUBLISHING SCHMITZ
  - INSTRUMENTS WILSON
  - PHOTOGRAPHY

EXECUTIVE ENGINEER BYRNE
CUSHMAN ASST.
MONROE ASST.

RECEIVER DIVISION HULSTEDE
- C-DF & HOMING CHRISTENSEN
- D & U RECEIVER AND TEST EQUIPMENT DEVELOP'T & DESIGN OVERACKER
- Q-OSCILLATOR & RECEIVER RESEARCH SPANGENBERG

TRANSMITTER DIVISION (COMBINING GROUPS B & F)
YUNKER
WHITE (AIRBORNE S-BAND SYSTEM)

TEST & STANDARDS LAB.
GAGER
- T-MECH. ENG. MALLES

PRODUCTION SUPERVISOR DUNLEAVEY
- DRAFTING C. WYLDE
- PLANNING
  - DUNLEAVEY HEAD
  - MORLEY ASST. HEAD ELECTRONICS
  - McGAH ASST. HEAD ENGINEERING LIAISON
  - PERKINS SUBCONTRACTING
- PRODUCT ENGINEERING E. PLOTTS
  - PRODUCTION ASSEMBLY G. EVANS
  - PRODUCTION TEST M. BROCKMAN
- SERVICE SHOPS A. O. WILKINS - DIRECTOR
  - TRANSFORMER SHOP J. BLUM
  - PAINTING & PLATING SHOP R. LaROSEE
  - MACHINE & SHEET MET. SHOP ZIMMERMAN
  - WINDOW SHOP
  - TOOLS AND STOCK C. TAMM

- A-HIGH POWER SALISBURY, DOW, LIVINGOOD
- M-ANTENNAS & D-F ALFORD
- RESEARCH & ANALYSIS VAN VLECK, BLOCH
  - G-THEORY & OPERATIONAL ANALYSIS VAN VLECK
  - DOCUMENT ROOM HAMERMESH
  - H-NOISE COBINE
  - WINDOW WHIPPLE, TAYLOR
- A-J-DIVISION CAHILL - HEAD
  - FARLEY ASST. HEAD
  - COWAN LAB.
  - ATHEY MOTION PICTURE

STANDING COMMITTEES

EXECUTIVE COMMITTEE
TERMAN CHAIR. — ELLIOTT
BREED — SALISBURY
BYRNE — VAN VLECK
CULLUM
CAHILL, SEC'Y.

PROJECT COMMITTEE
REVIEWING COMMITTEE ON PROJECTS & URGENCY
TERMAN — HULSTEDE
BYRNE — ALFORD
CULLUM — SALISBURY
YUNKER
BARNARD SEC'Y.

COMMITTEE *ON* PERSONNEL
TERMAN CHAIRMAN
BREED VICE CHAIRMAN
SUTHERLAND SEC'Y.
WILKINS DRAFTING, MACHINE SHOP, PRODUCT ENGINEERING
DIX
NILE
HULSTEDE RESEARCH ASSOCIATES TECHNICIANS
BOWDITCH BUSINESS OFF. & ALL OTHERS
E. MUDGE WOMEN EMPLOYEES

EDITORIAL COMMITTEE
VAN VLECK CHAIRMAN
BLOCH DEPUTY CHAIRMAN
REICH SEC'Y. EDITORIAL COORDINATOR
BROOKS PUBLISHING
GAGER EXECUTIVE ENGINEER
HOLT PROGRESS REPORTS
HAMERMESH DOCUMENT ROOM
MacQUIVEY, JASBERG } LIAISON DIV.

RECEIVER DESIGN COMM.
HULSTEDE CHAIRMAN
SPANGENBERG SEC'Y.
BYRNE — OVERACKER
CULLUM — FLYNN

TRANSMITTER DESIGN COMM.
BYRNE CHAIR. — CULLUM
HULSTEDE SEC'Y. — DOW
LUBIN — YUNKER

INSTRUMENT COMMITTEE
OVERACKER CHAIR. — BYRNE
LUBIN — CULLUM
GAGER — WHITE
WHOLEY SEC'Y.

FIELD ACTIVITIES

ABL-15
MALVERN, ENGLAND
DYER DIRECTOR
PETTIT ADMIN. TECH DIR.
CHASE ADMIN. ADMIRS. DIV.
FRANCIS BUS. MGR.

OPERATES AS PART OF RRL UNDER CONTRACT OEM Sr 1045

FIELD DIVISION & COMMITTEE
PETERSON HEAD
MORAN ASST. HEAD
APPARATUS - PETERSON
SYSTEMS - FARLEY
FLOROSA - YOUNGBLOOD DIRECTOR
PENDERGRAST BUS. MGR.

OVERSEAS MISSIONS
1. SARD, STUCKE, YAKUTIS, DEAKINS, VIDRO, HARMAN, SUTRO
2. BUSS
3. SCHEUCH
4. KAISEL
5. OLIPHANT
6. KUIPER
7. BAILEY

RESTRICTED

Leave Jan. 1 list in book as it is marked for RRL's

R-R-L-
PERSONNEL DIRECTORY

JUNE 1, 1945

RADIO RESEARCH LABORATORY

RESTRICTED

RADIO RESEARCH LABORATORY
PERSONNEL DIRECTORY
June 1, 1945

F. E. TERMAN, *Director*
A. E. CULLUM, JR., *Associate Director*

NDRC — DIVISION 15 COMMITTEE

Suits, C. G., *Chairman*
Black, K. C.
DuBridge, L. A.
Jolliffe, C. B.
Moore, J. H.
Potter, R. K.

NDRC — DIVISION 15, TECHNICAL AIDE

Harris, D. B., *Principal Technical Aide*
Regan, Ellen, *Secretary*
Albrecht, H. W., *Technical Aide*
Felton, Katherine, *Secretary*

Donahue, J. D., *Administrative Assistant*
Arau, Lucine
Bresnan, Mrs. Helen
McCabe, Mrs. Margaret
Slater, Dorothy

ARMY OFFICES

SCGSA Liaison Office

Dodge, A. O., Lt. Col., *Liaison Officer*
Anderson, N. E., Capt., *Assistant Liaison Officer*
Smillie, Claudia, *Secretary*

ATSC Communications Field Office

MacDuff, F. H., Lt. Col., *Commanding Officer*
Duffy, D. P., Capt., *Chief, RRL Section*
Summers, I. A., Capt.
Johnson, R. A., 1st Lt.
LaRochelle, J. A., Capt., *Property*
Brown, Margaret, *Secretary*

4148 AAF Base Unit, Bedford Field

Mullin, J. J., Lt. Col., *Commanding Officer*

Bedford Army Air Field

Wright, C. L., Lt. Col., *Commanding Officer*

Cambridge Signal Patent Agency

Kilburn, H. T., Capt., *Officer in Charge*
Mooney, D. D., 1st Lt.
Tirico, A. L., 1st Lt.
Milner, J. B., 2nd Lt.
Bennett, Barbara, *Secretary*
Scolnick, Anne, *Secretary*

J. F. BYRNE, *Executive Engineer*
N. P. BREED, *Business Manager*

NAVY LIAISON OFFICE

Ferrier, D. T., Comdr., USN (Ret.)
Mains, M. C., Lt. Comdr., USN (Ret.)
Mitchell, J. K., Lt., USNR
Graham, J. W., Lt., USNR
Fryer, E. M., Lt., USNR
Bisby, J. F., Lt., USNR
Goerger, O. R., Lt., USNR
Campbell, J. P., Lt., USNR
Clarke, L. G., Lt. (jg), USNR
Bergemann, R. J., Jr., Ens., USNR
Stoddard, C. N.
Holmes, A. Louise, *Secretary*
Carter, Elizabeth, *Secretary*
Lyons, Joselyn, *Secretary*
Smith, Margaret, *Secretary*

Project Cast

Christensen, H., Comdr., USNR

DIRECTOR'S OFFICE

Terman, F. E., *Director*
Mudge, Elizabeth, *Administrative Assistant*
Hubbard, Elizabeth, *Secretary*
Cullum, A. E., Jr., *Associate Director*
Witherell, Audrey, *Secretary*
Cahill, F. C., *Assistant to the Director*
Aschauer, Jane, *Secretary*
Holt, R. B., *Field Station Liaison*
Daley, Jean, *Secretary*
Fubini, E., *Consultant on Operational Problems*

EXECUTIVE ENGINEER'S OFFICE

Byrne, J. F., *Executive Engineer*
Cushman, R. W., *Asst. to Executive Engineer*
Learnard, R. B.
Monroe, R. B., *Asst. to Executive Engineer*
Steele, Mrs. Ellen, *Secretary*

BUSINESS MANAGER'S OFFICE

Breed, N. P., *Business Manager*
Turner, Louise, *Secretary*

RESEARCH DIVISION OFFICES

A/J DIVISION

Cahill, F. C., *Division Head*
Farley, W. W., *Ass't. Division Head (Systems Field Testing)*
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*

ANTENNA DIVISION

Alford, A., *Division Head*
Gerrie, Elizabeth, *Secretary*
Ingalls, Evelyn, *Secretary*
Christensen, J. W., *Group Leader, C*
Alford, A., *Group Leader, M*

FIELD DIVISION

Peterson, D. A., *Division Head, & Head of Apparatus Field Testing*
Fairbanks, Mrs. Doris, *Secretary*
Youngblood, J. F., *Director, Florosa Field Station*
Farley, W. W., *Systems Field Testing*

TRANSMITTER DIVISION
(Formerly Groups B & F)

Yunker, E. A., *Division Head*

RECEIVER DIVISION

Hulstede, G., *Division Head*
Bain, Mrs. Gladys, *Secretary*
Overacker, H. E., *Group Leader, D*
Buss, R. R., *Group Leader, K*
Spangenberg, K. R., *Group Leader, Q*

RESEARCH AND ANALYSIS DIVISION

Van Vleck, J. H., *Division Head*
Bloch, F., *Ass't. Division Head*
Cobine, J. D., *Group Leader, H*
Hamermesh, M., *Head, Document Room*
Van Vleck, J. H., *Group Leader, G*
*Kuiper, G. P. } *Window*
Whipple, F. L. }

RESEARCH AND ALLIED GROUPS

GROUP A

Salisbury, W. W., *Group Leader*
Pease, Mrs. Beulah, *Secretary*
Dow, W. G., *Ass't. Group Leader*
Griggs, Charlotte, *Secretary*
Livingood, J. J., *Ass't. Group Leader*

Ambroseno, B.
Artman, R. G.
Baumgartner, D. H.
Boyington, L. E.
Crawford, F. H.
Duggan, J. R.
Early, H. C.
Galt, J. K.
Hansen, N. O.
Hare, M. D.
Hawes, A. R.
Hok, C. G.
Jastram, P. S.
Leonard, Virginia
Ohlsson, R. L.
Otis, C. F.
Parker, G. W.
Turnbull, J. C.
Wadey, W. G.
Welch, E. S., Jr.
Welch, H. W., Jr.

Bailey, F. J., *Diesel Engineer*

A/J DIVISION

Cahill, F. C., *Division Head*
Farley, W. W., *Ass't. Division Head (Systems Field Testing)*
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*
Harris, E. Katherine, *Clerk*

Anger, H. O.
Ashus, A.
Brill, E. R.
Ceriello, J. M.
Davis, K. A.
Ericksen, R. J.
Forget, R. C.
Grant, L. E.
Gray, C.
Hoglund, R. H.
Keck, A.
Kell, R. E.
Oinonen, K. W.
Packard, F. C.
Pan, W. Y.
St. John, Mrs. Mildred
Towle, M. L.
Woodruff, J. H.

*Now on Field Mission.

ANTENNA DIVISION

Alford, A., *Division Head*
Gerrie, Elizabeth, *Secretary*
Ingalls, Evelyn, *Secretary*
Christensen, J. W., *Group Leader, C*
Alford, A., *Group Leader, M*

GROUP C
(Under Antenna Division)

Christensen, J. W., *Group Leader*

Corbin, P. M.
D'Addario, M. J.
Hatch, R. M.
Loomis, C. C.
Moyer, R. C.
Norton, R. A.
Overfield, Muriel
Pearson, P. A.
Power, Valerie
Strong, H. W.

GROUP D
(Under Receiver Division)

Overacker, H. E., *Group Leader*

Cary, R. J., Jr.
Gerson, H. I.
Green, R. W.
Griffin, S. J.
Heintz, R. M.
Hussey, F. L.
Kamphoefner, F. J.
Kearney, J. W.
Lebenbaum, M. T.
McIntee, W. E.
Paignon, Phyllis
Powers, E. P.
Petrich, R. O.
Rakestraw, D. L.
Riemitis, C.
Upham, L. D.

DOCUMENT ROOM

Hammermesh, M., *Head*
Weinstock, R.

Ladd, Mary Elizabeth
Beardslee, Betsy
Cox, Mrs. Marjorie
Desjardins, Jean
Linnitt, Barbara
Sawtell, Mrs. Beverly
Stewart, Mrs. Mildred

EDITORIAL DIRECTOR'S OFFICE

Reich, H. J., *Editorial Director*
Pfaff, Jean, *Secretary*

FIELD DIVISION

Peterson, D. A., *Division Head & Head of Apparatus Field Testing*
Moran, J. M., *Assistant to Head*
Fairbanks, Mrs. Doris, *Secretary*
Cooley, R. D.
Kuck, B. M.
Whitby, O. W.
Wilding-White, R. Q.
Wittkopf, J. J.

Farley, W. W., *Systems Field Testing*
Youngblood, J. F., *Director, Florosa Field Station*

GROUP G

Van Vleck, J. H., *Group Leader*
Bloch, F., *Asst. Group Leader*

Farnsworth, Mary Jane
Foster, D. D.
Hamermesh, M.
Middleton, D.
Pressly, Eleanor
Sard, R. D.
Weinstock, R.

(Window)

Whipple, F. L.
*Kuiper, G. P.
Strong, Mrs. Phyllis, *Secretary*

Taylor, D. W.
Tyler, A. W.
Vallas, C. L.
Wallour, C.

GROUP H

Cobine, J. D., *Group Leader*
Carr, Gloria, *Secretary*

Curry, J. R.
Gallagher, C. J.
Gratrix, H. A.
Jastram, P. S.
Ruthberg, S.
Sanders, G. C.

INVENTION DISCLOSURES

Barrett, E., *Head*
Priest, Mrs. Katharine, *Secretary*

Brown, I. M.
Farrell, W. E.
Jameson, Marie
Nile, A. H. (*Ex Officio*)

GROUP K

Buss, R. R., *Group Leader*
Bain, R. B.
(Additional Personnel to be assigned)

GROUP M
(Under Antenna Division)

Alford, A., *Group Leader*
Gerrie, Elizabeth, *Secretary*
Ingalls, Evelyn, *Secretary*

Allen, J. E.
Ayer, L. H.
Barkofsky, E. C.
Beraducci, S.
Beucler, J. F.
Bock, E. L.
Carles, R. C.
Clark, H. K.
Dorne, A.
Driscoll, Clare
Errico, F.
Gage, W. M.
Gariepy, E. E.
Goozay, R. D.
Gundlach, H.
Hansen, R. H.
Harbury, P. L.
Harring, D. M.
Haskell, M. W.
Heavey, Mrs. Martha
Hudon, O.
Hughes, R. H.
Kasowski, S. E.
Keeler, P. M.
Kraus, J. D.
Knight, G. A.
Lazarus, D.
Margolin, J.
McGuigan, W. D.
McSheehy, W. H.
Minot, H. P.
Mizen, C. A.
Nelson, Jessie
Ottaviani, Marie
Peterson, A.
Pride, D. W.
Shaw, Eleanor
Smith, N.
Stavis, G.
Vuilleumier, Olivia
Waitt, Edna
Ward, D. T.
Wilhoit, D. I.

*Now on Field Mission.

GROUP P — FLOROSA FIELD STATION

Youngblood, J. F., *Director*
Pendergrast, C. F., *Business Manager*
Hodge, Mrs. Alberta, *Secretary*

Anderson, R. E.
Morgan, A. N.
Vermillion, R. K.
Wartzok, D. F.

PROGRESS REPORTS

Holt, R. B.
Daley, Jean, *Secretary*

GROUP Q
(Under Receiver Division)

Spangenberg, K. R., *Group Leader*
Sturtevant, Barbara, *Secretary*

Boodry, G. E.
Cohn, S. B.
Fine, F. R.
Howe, S. D.
Huggins, W. H.
Lawlor, W.
Manning, L. A.
Moizeau, Mrs. E.
Moore, T. E.
Rambo, W. R.
Richards, P. I.
Tuck, L. D.
Wedel, J. J., Jr.
Wills, R. C.
Wrobleski, W. D.
Zeidler, H. M.

RECEIVER DIVISION

Hulstede, G., *Division Head*
Bain, Mrs. Gladys, *Secretary*
(See Groups D, K, and Q)

TEST AND STANDARDS DIVISION

Gager, F. M., *Head*
Tuttle, Virginia, *Secretary*

Belles, H. W.
Chase, Arbella
Crispell, H. L.
Kitowicz, W. F.
Lord, W. W.
Marshall, J. R.
Navid, B. N.
Norton, R. S.
O'Brien, R. G.
Rhiger, R. R.
Riley, J. C.
Robbiano, P. P.

TRANSMITTER DIVISION
(Formerly Groups B & F)

Yunker, E. A., *Division Head*

Aims, B. P.
Barnes, R. B.
Barrett, E.
Berggren, E. J.
Bigelow, Joan
Bridgeford, G. R.
Burns, E.
Clark, J. L.
Gardner, G. W.
Googins, W.
Haffenreffer, Mrs. M.
Henkel, R. L.
Howes, D. E.
Hunt, J. M.
Jacobs, G. B.
Loebel, L.
Reich, H. J.
Reid, R. E.
Reynolds, D. K.
Turner, A. T.
White, W. D.
Wickles, F. J.
Wilson, B. J.

GROUP U

Overacker, H. E., *Group Leader*

Ayer, H. C.
Boynton, W. H.
Bruns, R. A.
Eames, A. M.
Hadley, C. F.
Jeffries, C. D.
Krones, R.
Paignon, Phyllis
Swinney, J. G. C.
Wholey, W. B.

GROUP Y
(Under Engineering Services)

Plotts, E. L., *Group Leader*
Pannebaker, Mrs. Barbara, *Secretary*

Design and Production Coordination

Plotts, E. L., *Head*
Kelly, Virginia, *Secretary*

Barnes, F. R.
Eldredge, J. H., Jr.
Morehouse, G. D.
O'Neill, H. T.
Shuler, E. W.
Smith, E. C.

Test

Deakins, G. E., *Head*
Brockman, M. H., *Ass't. Head*
Farese, Viola, *Secretary*

Billington, W. P.
Dowell, M. R.
Hurley, W. A.
Kinsman, E. F.
Lazarkis, P. J.
Lee, C. F.
Owen, E. W.
Rogers, T. F.
Scates, J. K.
Zucker, F. J.

Assembly

Evans, G. E., *Head*
Rosenberg, H. W., *Ass't. Head*

Baldwin, C. P.
Boratgis, J. P.
Caswell, F. H.
Coburn, G. M.
Cragin, G. R.
Eldredge, Mrs. Mavis
Fallon, June
Fernald, Mrs. Margaret
Frickey, Florence
Grant, P. T.
Hagen, Ethel
Harding, R. W.
Ivonen, Ann
Leave, F. R.
Meanor, Marilene
Meyer, Mrs. Hope
Rogers, J. B.
Snow, P. H.
Winer, Mrs. Margaret

Electrical Inspection

Brown, P. M.
Mable, R. T.

SERVICE DIVISION OFFICES

ACCOUNTING DIVISION
(Includes General Accounting and Perpetual Inventory)

Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*

ENGINEERING SERVICES
(Coordinates Group Y, Drafting and Design, Shops, and Planning)

Dunleavey, F. S., *Production Supervisor*
Hart, Mrs. Frances, *Secretary*

FACILITIES DIVISION
(Includes Building Operations, Traffic Department, Woodshop and Plastics)

Bowditch, E. F., *Division Head*
Adams, Virginia, *Secretary*

LIAISON DIVISION

Cullum, A. E., Jr., *Division Head*
Witherell, Audrey, *Secretary*

PROCUREMENT DIVISION
(Includes Expediting and Materials Liquidation, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

TRANSITION DIVISION

Brooks, E. D., *Transition Coordinator*
Anderson, Jean, *Secretary*

SERVICE DEPARTMENTS

ACCOUNTING DIVISION

Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*
Lunden, F. O., *Cashier*
Robinson, Mrs. Rita, *Payroll*

General Accounting and Property Records

Nichols, F. W., *Head*
Cleeves, Mrs. Laura, *Secretary*

Aducci, Mary
Barker, Helen
Bradbury, Mrs. Ailene
Duby, Elise
Ghikas, Phalia
Glazebrook, A. H.
Harding, Mrs. Muriel
Horvath, Rita
LaPorte, Nancy
Martin, Emily
Murray, L. M.
Proctor, Mrs. Jean
Sheridan, Mildred
Wilchek, Mrs. Mary

Cost Accounting

Bunten, A. D.
Kelly, Mrs. Helen
Vasilakopoulos, Rose
Maynard, F. W.

Auditing

McGillicuddy, J. B.
Kelson, Edna

Perpetual Inventory

Elbery, W. P., *Head*
Deary, F. J.
Dukeshire, H. B.
Peterson, E. F.
Wall, J. J.

AIRPORT

Sutherlen, G. R., *Head*
Lepos, Blanche, *Secretary*

Gillespie, J. W.
Grover, L. C.
Hopkinson, R. F.
Phillips, A. B.
Strick, H. A.
Stubbs, R. F.
Sullivan, J. C.

BUILDING OPERATIONS
(Under Facilities Division)

Cutter, W. G., *Department Head*
Bishop, Irene (*Stationery Stock*)
McHugh, Mary (*Ass't. Stationery Stock*)
Power, Loretta (*Keys*)
Goodwin, Dorothea (*Ass't. Telephone Operator*)

Utility Men

Davin, W. J., *Head*
Bearse, D.
di Baccari, A.
MacArthur, R.
Massey, G. H.
Morano, J.
Nestor, M. T.

Elevator Operators

Bowden, C. W.
Melanson, T. E.

Matron

Whalen, Mrs. Kathleen

BUILDING OPERATIONS (*Continued*)

Night Janitorial

Murphy, J. J., *Night Supervisor*

Biergiel, J. J.
Brooks, A. W.
Chambers, Mrs. E.
Cullity, Mrs. Nora
Daley, Mrs. Rose
Dennehy, Mrs. Abbie
Dorgan, Mrs. K.
Dunphy, Mrs. Anna
Forster, Mrs. Julia
Guinane, Mrs. Norah
Jackson, G. L.
Kennedy, G. E.
Landry, Mrs. Frances
McCarthy, Mrs. Margaret
McCormack, Mrs. Mary
McNamara, Mrs. Mary
Morrison, Mrs. Evelyn
O'Reilly, W. J.
Sheehan, Mrs. Ruth
Walker, Mrs. Elizabeth
Walsh, Mrs. Annie

DRAFTING AND DESIGN
(Under Engineering Services)

Wylde, C. I., *Department Head*
Bradt, H. G., *Chief Draftsman*

Allen, R.
Berry, D. B.
Breed, A. W.
Brush, M. R.
Dalton, G. A.
Der Hohannesian, G.
Dion, A. O.
Freeman, J. H.
Fulkerson, C.
Glynn, F. S.
Gulick, M. B.
Hanson, A.
Horton, H. M.
Johnson, E. G.
Johnson, M. C.
Johnston, Georgina
Kelley, L. B.
Kennedy, R. W.
Lapidas, M.
Lauriat, L.
Macdonald, H. S.
Morse, Nancy
Moulding, Mrs. Bara
Neuberger, G. F.
Parker, S. B.
Peirce, H.
Pertzoff, C. A.
Pigon, Dorothy
Pureka, T. T.
Putnam, W. E.
Romano, T. D.
Shaw, R. H.
Williams, C. P.
Wolford, C. E.

Secretarial and Clerical

Casavant, June
Corliss, Mary
Haley, Mrs. Mary
Lightner, Elizabeth
Murdock, Mrs. Laurette
Petrow, Mrs. Jennie
Wright, Mrs. Frances

ENGINEERING SERVICES
(Coordinates Group Y, Drafting and Design, Shops, and Planning)

Dunleavey, F. S., *Production Supervisor*
Hart, Mrs. Frances, *Secretary*

EXPEDITING AND MATERIALS LIQUIDATION
(Under Procurement Division)

Rogers, R. C., *Department Head*
Murphy, Mary, *Secretary*
Currie, W. H., *Expeditor*
Smythe, Mrs. Josephine, *Expeditor*
Baker, J. H., *Surplus Storage*
Reed, Mrs. Sigrid, *Chief Clerk*
Pugh, Mary, *Clerk*

FACILITIES DIVISION
(Includes Building Operations, Traffic Department, Woodshop and Plastics)

Bowditch, E. F., *Division Head*
Adams, Virginia, *Secretary*

FIELD STATION LIAISON

Holt, R. B., *Department Head*
McKenna, Elizabeth, *Secretary*
Daley, Jean, *Secretary*
Cobb, Ann, *Secretary*

GUARDS

Linscott, C. H., *Security Officer*
Bouzane, C. M., *Supervisor*
Rogers, H. G., *Supervisor*

Barry, J. J.
Boyle, W. E.
Braun, W. J.
Brennan, J. J.
Coyne, M. D.
Creedon, J. D.
Dayton, R. W.
Dillon, F. J.
Driscoll, T. J.
Hart, A.
Johnson, J. F.
Kelley, E. J.
Lawrence, G. C.
Litch, J. H.
MacIntosh, B. A.
Martin, W. J.
McMurray, T. J.
Murphy, M. F.
Regan, D. P.
Rodden, J. J.
Shaw, J.
Shaw, W. S.
Stevenson, P.
Tillson, H. V.
Whiting, E.
Woodbury, J. R.

INSTRUMENTS

Wilson, V. P., *Department Head*
Sowles, Phebe, *Secretary*
Barron, A. J.

KARDEX
(Under Procurement Division)

Bartram, Mrs. Dorothy, *Department Head*

Berger, Mrs. Margaret
Brooks, Harriet
Butler, Mrs. Hope
Raymond, Ruth

ILLUSTRATION DEPARTMENT
(Under Publishing Division)

Adams, F. P., *Department Head*

Benard, Mary
Bernier, Muriel
Burton, Mrs. Mae
Crosby, Mrs. Elinor
Dyer, Elizabeth
Heidt, Mrs. Constance
Livingstone, Mary
Last, F. N.
Wood, Greta

LIAISON DIVISION

Cullum, A. E., Jr., *Division Head*
Witherell, Audrey, *Secretary*
Leadbetter, Barbara, *Senior Clerk*
Barnard, R. C., *Projects and Records*
Popa, Mrs. Irene, *Secretary*
Barresi, Florence, *Clerk*
Bacorn, Barbara, *Coordinator of Project Center*
Phippen, Lydia, *Assistant*
Stevens, Mrs. Jean, *Clerk*
Caldwell, Christine, *Secretary*

Liaison Representatives

Daniell, C. M., *Army, Navy* (BuAer)
Nonnemaker, Mrs. Ruth, *Secretary*
Hammett, R. L., *Special Projects & Field Tests*
Villard, O. G., Jr., *Navy* (other than BuAer)
Bennett, Ann, *Secretary*
Bacorn, Barbara, *Assistant*
Holt, R. B., *ATSC, ARL* (Dayton, Ohio)

Report Section

Jasberg, J. H., *Head*
Anton, Martha, *Secretary*
Cola, Irene, *Secretary*
Wright, Marie, *Secretary*

MECHANICAL CONSULTANT

Elliott, H. F.
MacQuivey, Mrs. Edith, *Secretary*

PERSONNEL DEPARTMENT

Sutherland, G. A., *Personnel Director*
Hickman, R. W., *Advisor*
Dimick, Carolyn, *Secretary*
Dix, W. S., *Assistant Personnel Director*
Nile, A. H., *Assistant Personnel Director*
Bonney, Ruth
Dunlap, Mrs. Grace
Hatch, Barbara
McPartland, Marguerite
Stanley, Mrs. Elizabeth, *Nurse*
Thomas, Maude, *Selective Service Supervisor*
Giddings, Mrs. Lenore

PHOTOGRAPHY DEPARTMENT
(Under Publishing Division)

Friedman, R. S., *Department Head*

Hall, M. T.
Mason, G. W.
Toye, Phyllis

PLANNING DEPARTMENT

Dunleavey, F. S., *Head*
Morley, H. B., *Ass't. Head — Electronics Section*
McGah, J. T., *Ass't. Head — Engineering Liaison*
Carlson, Mrs. Marjorie, *Secretary*

Electronics Section

Morley, H. B., *Head*
Ingwalson, Mrs. Gloria, *Secretary*
Eaton, R. K.
Goodwin, A. B.
Jacobs, G. B., *Transformer Designer*
Robinson, C. J.

Engineering Liaison

McGah, J. T., *Head*
Schroeder, Mrs. Marjorie, *Secretary*
Merchant, H. A., *Expeditor*

Subcontract Section

Perkins, E. M., *Head*
Bishop, Ann, *Secretary*
Holland, G. E.
Vitagliano, A. H.
Waechter, P. M.

PROCUREMENT DIVISION
(Includes Expediting and Materials Liquidation, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

PUBLISHING

(Includes Illustration and Photography)

Schmitz, E. A., *Division Head*
Sawyer, A. E., *Production Manager*
Stavis, Mrs. Margaret, *Secretary*

Multilith Section

Sturges, D. R., *Section Head*
French, Miriam
Hatfield, Dorothy
Holmes, Mary

Distribution Section

Peet, O., *Section Head*
Carlson, Phyllis
Kessler, Mrs. Helen
Pinney, Mrs. Iva

Duplicating Section

Jellison, Ann, *Section Head*
Allen, Barbara
Loper, Gwendolyn

PURCHASING DEPARTMENT

(Under Procurement Division)

Gibson, F. M., *Purchasing Agent*
Gill, J. A., *Asst. Purchasing Agent*
Meredith, Carolyn, *Secretary*

Buyers

Burd, E. D.
Jones, N. E.
Taft, F. W.

Clerks

Alexander, Mildred
Gowtage, Mrs. Norma
O'Neill, Margaret
Peterson, Rita

RECEIVING AND SHIPPING ROOM

(Under Procurement Division)

Jones, E. V., *Department Head*
Cail, W. V.
Cooper, R. L.
Dallmer, A. J.
Fawcett, J. C.
O'Leary, A. F., *Driver*
Oleson, C. K., *Driver*
Szidat, S.
Tice, G. J.
Winstanley, D. J.

STOCKROOM

(Under Procurement Division)

Fogg, E. W., *Manager*
Mulcahey, J. D., *Asst. Manager*
Fitzgerald, Eleanor
Fuller, C. G.
Heffernan, D. S.
Kleinfelder, Ann
Koocher, A.
MacKinnon, F. R.
MacQuarrie, June
O'Brien, E. R.
O'Brien, Irene
Reid, Mrs. Margaret
Welch, R. A.

SUBCONTRACTING DEPARTMENT

(Under Procurement Division)

Cooke, L. S., *Department Head*
Lee, Dorothy, *Secretary*
Locke, A. E.
McCullough, M. A.
Scantland, B. B.
Smith, G. M.

SHOPS DIVISION

Wilkins, A. O., *Director of Shops*

MACHINE SHOP

Zimmerman, J. C., *General Foreman*
Machinists & Sheet Metal Workers

Day Shift

Bates, G., *Foreman*
Arnold, N. H.
Barba, M. J.
Barrington, K. P.
Batchelder, R. M.
Bjork, A. W.
Bowie, N. W.
Brown, H. C.
Carle, A. J.
Davidson, A. J.
Devonshire, H. F.
Erickson, R. W.
Haigh, R. G.
Hanna, K. C.
Hemmerdinger, W. J.
Hood, T. W.
Johansen, E. L.
Kershaw, W. F.
Langguth, C. A.
Lawson, Nancy
Lindi, A.
Livingston, G. P.
Mansfield, W. A.
Perry, J. H.
Robb, H.
Selander, K. H.
Smith, E. B.
Staples, R. S.
Thoresen, T. E.
Usis, S.
Williamson, G. J.
Cushing, D. C., *Foreman*
Angell, O. R.
Bent, L. T.
Berry, G.
Burgess, Doris
Cooper, P.
Crum, K. L.
D'Angelo, Nina
Desmond, H. B.
Eastham, Mrs. Myrtle
Farnham, A. E.
Grow, Frances
Hudon, E. E.
Jones, Evelyn
Lyons, Marion
Marston, E. L.
McIlwraith, Mollie
Petrelli, Leonora
Rogers, N. I.
Shaw, Mrs. J. Iris
Stote, R. H.
Walker, Geraldine
Wellington, Margery
Worthington, Illione
Yule, J. C.

Paine, F. W., *Project Inspector*

Night Shift

Christensen, A., *Foreman*
Butler, D. A.
Cawthron, F.
Cooper, F. J.
Dow, E. H.
Doyle, W. A.
Dudley, F. A.
Jackson, W. B.
Locke, A. J.
McNally, J. H.
Mehne, F. E.
Morris, R. D.
Parker, F. L.
Porter, L.
Reichenbacher, C. J.
Roy, W. H.
Smith, R. O.
Tosi, A. L.
Watson, E.

SHOPS DIVISION OFFICE

Tamm, C. E., *Administrative Supervisor*
Maher, J. J., *Assistant to Supervisor*
Trenchard, Mrs. Mary, *Secretary*
Booth, Mrs. Elizabeth
Glazer, Mrs. Lillian
Harrington, Ruth
Pollard, Harriet
Rozon, Dorothy

Laboratory Shops

Daley, F. A., *Tool Inspector*
Crandall, Thelma
Landfear, A. H.
Ritchie, F. W.

Production Material Department

Whittier, M. S., *Supervisor*
Brodeur, H. J.
Downey, M.
Higgins, N. G.
McPherson, S. H.

Raw Stock Department

Tompson, S. E., *Raw Stock Inspector*
Breed, B.
Deming, Elvena
Downing, E. J. (nights)
Fortune, E. M.
Pollard, L. R.
Ruck, J. F.
Sargent, E.

Tool & Stock Department

Regan, Barbara, *Asst. Tool & Stkrm. Mgr.*
Scribner, L. A., *Toolroom Mgr. (nights)*
Beach, Barbara

PAINTING & PLATING SHOP

LaRosee, R. L., *Foreman*
Corliss, F. M.
Gallagher, J. L.
LeDoux, E.
McClellan, W. F.

TRANSFORMER SHOP

Blum, J. W., *Foreman*
Anastasy, N. L.
Chandonnet, H. J.
Hartel, E. J.
LeBlanc, F. A.
Owens, W. W.
Temple, D. H.

SWITCHBOARD
(Under Building Operations)

Pearl, Mrs. Marie, *Head Operator*
Burns, Mrs. June.
Estrada, Mrs. Gertrude
Murphy, Mrs. Constance
Salvucci, Mrs. Katherine
Kelly, Mrs. Gertrude (*nights*)
Mahoney, Mrs. Mary (*on call*)

TRAFFIC DEPARTMENT
(Under Facilities Division)

Bradley, R. F., *Head*
Maley, J. J., *Reservations*
Nibbe, Mrs. Geneva, *Secretary*
Harrison, Dorothy, *Secretary*

Messengers — Mail

Lynch, Mary, *Head*
Dunn, Gloria
Hutton, Marjorie
Leonard, Louise
McGarr, Theresa
Mosher, Phyllis

Smith, Alice, *Telegrams*

Drivers

Lucas, K. A., *Dispatcher*
Aldersen, R. E.
Chase, B. A.
Ruddiman, R. J.

TRANSITION DIVISION

Brooks, E. D., Jr., Transition Coordinator
Anderson, Jean, *Secretary*
Flynn, R. M., *Receiver Section*
Singleton, H. C., *Antenna* Section
Womack, Flora, *Secretary*
Moses, M. G., *Window Section*
Lubin, S. } *Test Equipment &*
Scott, R. C. } *Transmitter Section*
Melbye, Margaret, *Secretary*
MacQuivey, D. R., *Transition Allocations*
Howland, G. H., *Assistant*
Bigelow, E. L., *Assistant*
Enright, Eleanor, *Secretary*
Olson, Mrs. Vivian, *Secretary*
Butler, Marjorie, *Clerk*
Alden, E. R., *Transition Stockroom*
McLaughlin, H. C., *Assistant*
MacKechnie, H. K.

WOODSHOP & PLASTICS
(Under Facilities Division)

Hart, F. R., *Superintendent*
Cotter, Helen, *Secretary*
Vigliotti, L. H., *Foreman*
Andersen, H. L.
Annis, F. R.
Cook, R. J.
Earle, R. G.
Harrison, R.
Holland, W. R.
Jackson, H. W.
Portanova, J. R.
Williams, J. A.

RESTRICTED

AMERICAN-BRITISH LABORATORY OF DIVISION 15

Dyer, J. N., *Director*
Kustler, Gladys, *Secretary*
Fraenckel, V. H., *Consultant*
Pettit, J. M., *Associate Technical Director*
Chase, J. P., *Associate Administrative Director*

ADMINISTRATIVE PERSONNEL

Chase, J. P., *Associate Adm. Director*
Francis, E. L., *Business Manager*
Clarke, L. L., *Ass't. to Business Manager*
MacKillop, H., *Accountant*

RESEARCH PERSONNEL

Pettit, J. M., *Associate Technical Director*
Adams, M. B.
Avery, R. E.
Black, J. R.
Case, Mrs. Margaret
Clade, W. W.
Clark, C. B.
DeFeo, A. A.
Ellis, A. R.
Evans, W. E.
Foster, J. S.
Goble, A. T.
Gottlieb, M. B.
Granger, J. V.
Hagen, G. D.
Hollywood, J. M.
Horner, Grace
Keuffel, J. W.
King, R. C.
Klemm, G. H.
Kuhn, T. S.
Larsen, L. C.
~~Lewis, R. F.~~
Lusted, L. B.
McCouch, G. P.
McNees, S. G.
Noe, J. D.
O'Brien, R. S.
Park, D. A.
Raburn, L. E.
Soderman, R. A.
Stephenson, J. G.
Symonds, A. V.
Wilson, R. E.

SECRETARIAL AND CLERICAL STAFF

Anderson, Julia
Baldwin, Rosemary
Clark, Shirley
Dale, Muriel
Fenn, Eva
Gilbert, Doris
Gray, Virginia
Kaspar, Rosalind
Kustler, Gladys
Mumford, Katherine
Palm, Doris
Rowlands, Corinne

DRAFTSMEN

Cate, A. R.
LeBoutillier, G. T.

MACHINISTS

Brown, C. H., *Foreman*
Covey, K. R.
Failla, C. F.
Rheaume, R. A.

STOCKROOM

Darcy, H. N., *Manager*
Meek, Helen
Moakler, Beatrice

DRIVER

Sullivan, J. T.

CONSULTANTS

Allaire, R. P.
Ashby, R. M.
Beranek, L. L.
Boring, E. G.
Chaffee, E. L.
Chu, L. J.
Clogston, A. M.
Cohen, R. S.
Collins, G. B.
Connelly, C. M.
Cork, B. B.
Everhart, E.
Feldmeier, J.
Gaither, H. R.
Garman, R. L.
Goldmark, P. C.
Goudsmit, S. A.
Guillemin, E. A.
Halloran, A. H.
Harrison, W. T.
Hendricks, P. S.
Hinkley, J. W.
Howard, J. K.
Johnson, H. M.
Jordan, W. H.
King, R. W. P.
Knipp, J.
Lawson, J. L.
Lewis, R. F.
Liebowitz, B.
Linford, L. B.
McCreary, R. L.
Marshall, L. C.
Martin, E. G.
Mimno, H. R.
Nelson, R. R.
Newman, E. B.
Peterson, A. P.
Reedy, P. H.
Rollefson, R.
Rudmose-Jones, H. W.
Sather, O.
Serrell, R.
Silliman, R. M.
Sinclair, D. B.
Smith, D. T.
Smith, W. V.
Stevens, S. S.
Stone, A. M.
Tape, G. F.
Uhlenbeck, G.
Van Atta, L. C.
Wallace, R. L., Jr.
Wallman, H.
White, D. G.
Wing, A. H., Jr.

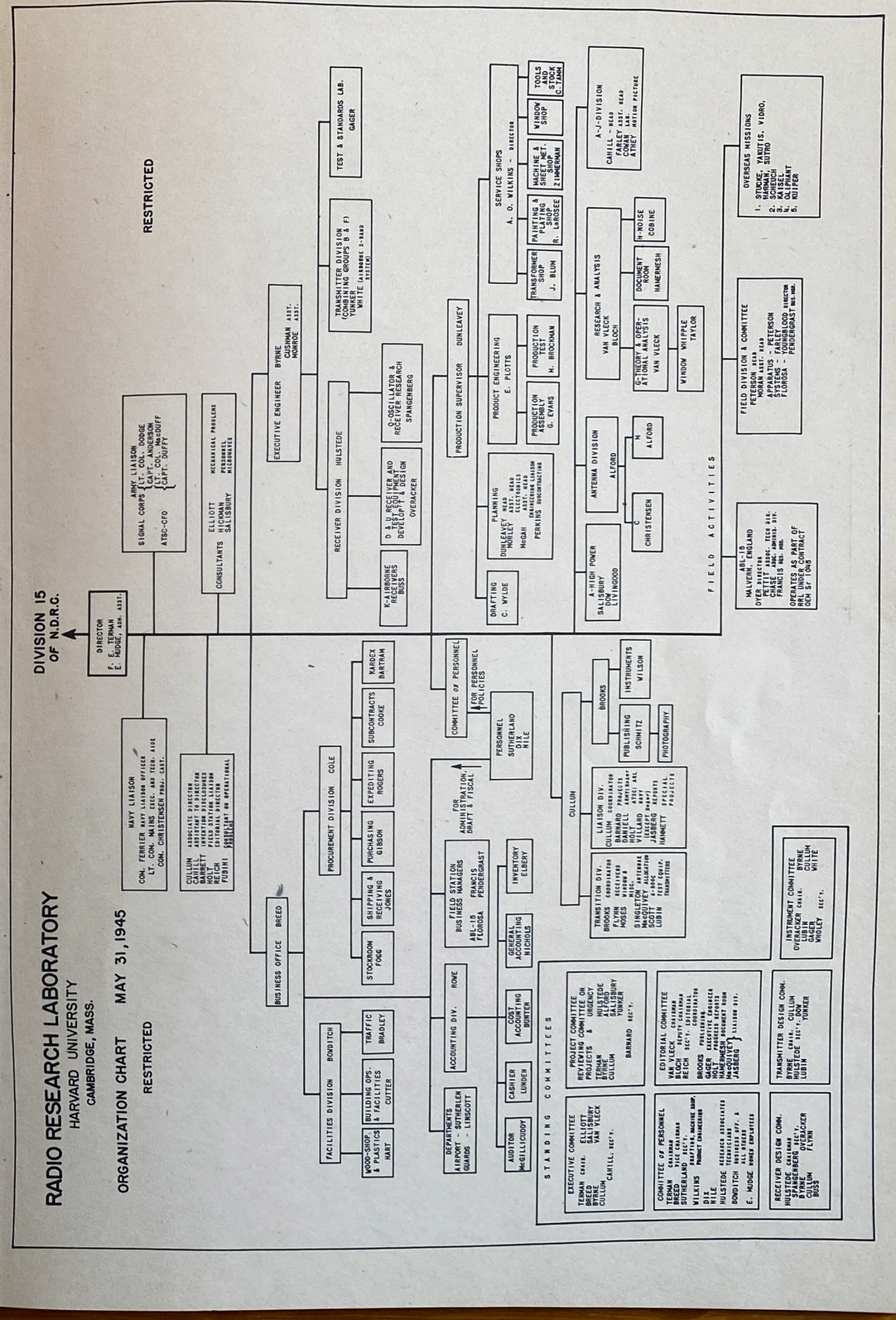
FIELD MISSIONS

Kaisel, S. F.
Kuiper, G. P.
Oliphant, C. W.
Scheuch, D. R.
Stucke, A. F.
Sutro, P. J.

TRANSFERRED TO O.S.R.D.
OFFICE OF FIELD SERVICE

Harman, A. R.
Vidro, E. F.
Yakutis, A. J.

RESTRICTED



RADIO RESEARCH LABORATORY

HARVARD UNIVERSITY
CAMBRIDGE, MASS.

ORGANIZATION CHART MAY 31, 1945

RESTRICTED

RESTRICTED

DIVISION 15 OF N.D.R.C.

DIRECTOR
F. E. TERMAN
E. MUDGE, ADM. ASST.

NAVY LIAISON
COM. FERRIER NAVY LIAISON OFFICER
LT. COM. MAINS EXEC. AND TECH. AIDE
COM. CHRISTENSEN PROJ. CAST.

ARMY LIAISON
SIGNAL CORPS { LT. COL. DODGE / CAPT. ANDERSON
ATSC-CFO { LT. COL. MacDUFF / CAPT. DUFFY

CULLUM ASSOCIATE DIRECTOR
CAHILL ASSISTANT TO DIRECTOR
BARRETT INVENTION DISCLOSURES
HOLT FIELD STATION LIAISON
REICH EDITORIAL DIRECTOR
FUBINI CONSULTANT ON OPERATIONAL PROBLEMS

CONSULTANTS
ELLIOTT MECHANICAL PROBLEMS
HICKMAN PERSONNEL
SALISBURY MICROWAVES

BUSINESS OFFICE BREED

FACILITIES DIVISION BOWDITCH
- WOOD-SHOP & PLASTICS HART
- BUILDING OPS. & FACILITIES CUTTER
- TRAFFIC BRADLEY

PROCUREMENT DIVISION COLE
- STOCKROOM FOGG
- SHIPPING & RECEIVING JONES
- PURCHASING GIBSON
- EXPEDITING ROGERS
- SUBCONTRACTS COOKE
- KARDEX BARTRAM

DEPARTMENTS
AIRPORT - SUTHERLEN
GUARDS - LINSCOTT

ACCOUNTING DIV. ROWE
- AUDITOR McGILLICUDDY
- CASHIER LUNDEN
- COST ACCOUNTING BUNTEN
- GENERAL ACCOUNTING NICHOLS
- INVENTORY ELBERY

FIELD STATION BUSINESS MANAGERS
ABL-15 FRANCIS
FLOROSA PENDERGRAST

FOR ADMINISTRATION, DRAFT & FISCAL

COMMITTEE ON PERSONNEL

FOR PERSONNEL POLICIES

PERSONNEL
SUTHERLAND
DIX
NILE

CULLUM
- TRANSITION DIV.
  - BROOKS COORDINATOR
  - FLYNN RECEIVERS
  - MOSES WINDOW & MISC.
  - SINGLETON ANTENNAE
  - MacQUIVEY ALLOCATION
  - SCOTT A-500
  - LUBIN TEST EQUIP. TRANSMITTERS
- LIAISON DIV.
  - CULLUM COORDINATOR
  - BARNARD PROJECTS
  - DANIELL ARMY; Buaer
  - HOLT ATSC; ARL
  - VILLARD NAVY (EXCEPT Buaer)
  - JASBERG REPORTS
  - HAMMETT SPECIAL PROJECTS
- BROOKS
  - PUBLISHING SCHMITZ
  - PHOTOGRAPHY
  - INSTRUMENTS WILSON

STANDING COMMITTEES

EXECUTIVE COMMITTEE
TERMAN CHAIR. — ELLIOTT
BREED — SALISBURY
BYRNE — VAN VLECK
CULLUM
CAHILL, SEC'Y.

PROJECT COMMITTEE
REVIEWING COMMITTEE ON PROJECTS & URGENCY
TERMAN — HULSTEDE
BYRNE — ALFORD
CULLUM — SALISBURY
YUNKER
BARNARD SEC'Y.

COMMITTEE ON PERSONNEL
TERMAN CHAIRMAN
BREED VICE CHAIRMAN
SUTHERLAND SEC'Y.
WILKINS DRAFTING, MACHINE SHOP, PRODUCT ENGINEERING
DIX
NILE
HULSTEDE RESEARCH ASSOCIATES TECHNICIANS
BOWDITCH BUSINESS OFF. & ALL OTHERS
E. MUDGE WOMEN EMPLOYEES

EDITORIAL COMMITTEE
VAN VLECK CHAIRMAN
BLOCH DEPUTY CHAIRMAN
REICH SEC'Y. EDITORIAL COORDINATOR
BROOKS PUBLISHING
GAGER EXECUTIVE ENGINEER
HOLT PROGRESS REPORTS
HAMERMESH DOCUMENT ROOM
MacQUIVEY, JASBERG } LIAISON DIV.

RECEIVER DESIGN COMM.
HULSTEDE CHAIRMAN
SPANGENBERG SEC'Y.
BYRNE — OVERACKER
CULLUM — FLYNN
BUSS

TRANSMITTER DESIGN COMM.
BYRNE CHAIR. CULLUM
HULSTEDE SEC'Y. DOW
LUBIN YUNKER

INSTRUMENT COMMITTEE
OVERACKER CHAIR. — BYRNE
LUBIN — CULLUM
GAGER — WHITE
WHOLEY SEC'Y.

EXECUTIVE ENGINEER BYRNE
CUSHMAN ASST.
MONROE ASST.

RECEIVER DIVISION HULSTEDE
- K-AIRBORNE RECEIVERS BUSS
- D & U RECEIVER AND TEST EQUIPMENT DEVELOP'T & DESIGN OVERACKER
- Q-OSCILLATOR & RECEIVER RESEARCH SPANGENBERG

TRANSMITTER DIVISION (COMBINING GROUPS B & F)
YUNKER
WHITE (AIRBORNE S-BAND SYSTEM)

TEST & STANDARDS LAB.
GAGER

PRODUCTION SUPERVISOR DUNLEAVEY

DRAFTING
C. WYLDE

PLANNING
DUNLEAVEY HEAD
MORLEY ASST. HEAD ELECTRONICS
McGAH ASST. HEAD ENGINEERING LIAISON
PERKINS SUBCONTRACTING

PRODUCT ENGINEERING
E. PLOTTS
- PRODUCTION ASSEMBLY G. EVANS
- PRODUCTION TEST M. BROCKMAN

SERVICE SHOPS
A. O. WILKINS - DIRECTOR
- TRANSFORMER SHOP J. BLUM
- PAINTING & PLATING SHOP R. LaROSEE
- MACHINE & SHEET MET. SHOP ZIMMERMAN
- WINDOW SHOP
- TOOLS AND STOCK C. TAMM

A-HIGH POWER
SALISBURY
DOW
LIVINGOOD

ANTENNA DIVISION
ALFORD
- C CHRISTENSEN
- M ALFORD

RESEARCH & ANALYSIS
VAN VLECK
BLOCH
- G-THEORY & OPERATIONAL ANALYSIS VAN VLECK
  - WINDOW WHIPPLE TAYLOR
- DOCUMENT ROOM HAMERMESH
- H-NOISE COBINE

A-J-DIVISION
CAHILL - HEAD
FARLEY ASST. HEAD
COWAN LAB.
ATHEY MOTION PICTURE

FIELD ACTIVITIES

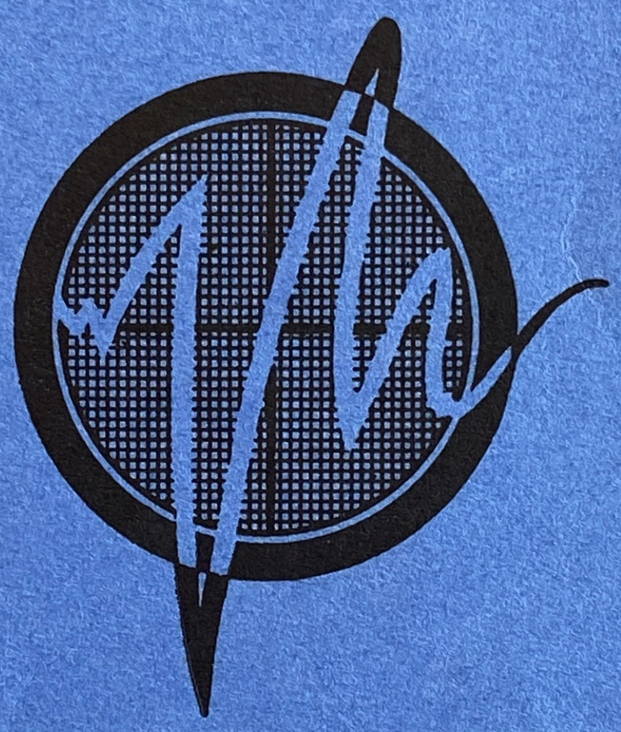
ABL-15
MALVERN, ENGLAND
DYER DIRECTOR
PETTIT ASSOC. TECH DIR.
CHASE ASOC. ADMINIS. DIV.
FRANCIS BUS. MGR.
OPERATES AS PART OF RRL UNDER CONTRACT OEM Sr 1045

FIELD DIVISION & COMMITTEE
PETERSON HEAD
MORAN ASST. HEAD
APPARATUS - PETERSON
SYSTEMS - FARLEY
FLOROSA - YOUNGBLOOD DIRECTOR
PENDERGRAST BUS. MGR.

OVERSEAS MISSIONS
1. STUCKE, YAKUTIS, VIDRO, HARMAN, SUTRO
2. SCHEUCH
3. KAISEL
4. OLIPHANT
5. KUIPER

RESTRICTED

R·R·L·
PERSONNEL DIRECTORY



AUGUST 15, 1945

RADIO RESEARCH LABORATORY

RESTRICTED

RADIO RESEARCH LABORATORY
PERSONNEL DIRECTORY
August 15, 1945

F. E. TERMAN, *Director*
A. E. CULLUM, JR., *Associate Director*

J. F. BYRNE, *Assoc. Director & Executive Engineer*
N. P. BREED, *Business Manager*

NDRC — DIVISION 15 COMMITTEE

Suits, C. G., *Chairman*
Black, K. C.
DuBridge, L. A.
Jolliffe, C. B.
Moore, J. H.
Potter, R. K.

NDRC — DIVISION 15, TECHNICAL AIDE

Harris, D. B., *Principal Technical Aide*
Regan, Ellen, *Secretary*
Albrecht, H. W., *Technical Aide*
Felton, Katherine, *Secretary*

Donahue, J. D., *Administrative Assistant*
Bresnan, Mrs. Helen
Klein, Mrs. Lucine
McCabe, Mrs. Margaret
Slater, Dorothy

ARMY OFFICES

Signal Corps Liaison Office

Mellinger, P. S., Maj., *Liaison Officer*
Anderson, N. E., Capt., *Officer In Charge, RRL Section*
Andrew, A. R., Capt., *Liaison Assistant*
Smillie, Claudia, *Secretary*

ATSC Communications Field Office

MacDuff, F. H., Lt. Col., *Commanding Officer*
Duffy, D. P., Maj., *Chief, RRL Section*
Summers, I. A., Capt.
Johnson, R. A., 1st Lt.
LaRochelle, J. A., Capt., *Property*
Brown, Margaret, *Secretary*
Kaspar, Rosalind

4148 AAF Base Unit, Bedford Field

Mullin, J. J., Lt. Col., *Commanding Officer*

Bedford Army Air Field

Wright, C. L., Lt. Col., *Commanding Officer*

Cambridge Signal Patent Agency

Kilburn, H. T., Capt., *Officer in Charge*
Mooney, D. D., Capt.
Tirico, A. L., 1st Lt.
Milner, J. B., 2nd Lt.
Bennett, Barbara, *Secretary*
Scolnick, Anne, *Secretary*

NAVY LIAISON OFFICE

Ferrier, D. T., Comdr., USN (Ret.)
Mains, M. C., Lt. Comdr., USN (Ret.)
Mitchell, J. K., Lt., USNR
Fryer, E. M., Lt., USNR
Bisby, J. F., Lt., USNR
Goerger, O. R., Lt., USNR
Campbell, J. P., Lt., USNR
Clarke, L. G., Lt. (jg), USNR
Bergemann, R. J., Jr., Lt. (jg), USNR
Stoddard, C. N.
Holmes, A. Louise, *Secretary*
Carter, Elizabeth, *Secretary*
Lyons, Joselyn, *Secretary*
Smith, Margaret, *Secretary*

Project Cast

Christensen, H., Comdr., USNR

DIRECTOR'S OFFICE

Terman, F. E., *Director*
Mudge, Elizabeth, *Administrative Assistant*
Hubbard, Elizabeth, *Secretary*
Byrne, J. F., *Associate Director*
Steele, Mrs. Ellen, *Secretary*
Cullum, A. E., Jr., *Associate Director*
Witherell, Audrey, *Secretary*
Holt, R. B., *Field Station Liaison*
Daley, Jean, *Secretary*
Fubini, E., *Consultant on Operational Problems*

EXECUTIVE ENGINEER'S OFFICE

Byrne, J. F., *Executive Engineer*
Pettitt, J. M., *Assistant Executive Engineer*
Cushman, R. W., *Asst. to Executive Engineer*
Learnard, R. B.
Monroe, R. B., *Asst. to Executive Engineer*
Steele, Mrs. Ellen, *Secretary*

BUSINESS MANAGER'S OFFICE

Breed, N. P., *Business Manager*
Turner, Louise, *Secretary*

RESEARCH DIVISION OFFICES

DF AND ANTENNA DIVISION

Alford, A., *Division Head*
Gerrie, Elizabeth, *Secretary*
Ingalls, Evelyn, *Secretary*
Christensen, J. W., *Group Leader, C*
Dorne, A., *Group Leader, M–1*
Kraus, J. D., *Group Leader, M–2*
Barkofsky, E. C., *Technical Asst. to Division Head*

FIELD DIVISION
(Includes Field Test Section, Laboratory Test Section, and Overseas Missions)

Dyer, J. N., *Co-Division Head*
Peterson, D. A., *Co-Division Head*
Fairbanks, Mrs. Doris, *Secretary*
Cahill, F. C., *Asst. to Division Heads*
Olson, Mrs. Vivian, *Secretary*
Moran, J. M., *Head, Field Test Section*
O'Brien, R. S., *Head, Laboratory Test Section*
Youngblood, J. F., *Director, Florosa Field Station*

TRANSMITTER DIVISION
(Formerly Groups B & F)

Yunker, E. A., *Division Head*
Fenn, Eva, *Secretary*

RECEIVER DIVISION

Hulstede, G., *Division Head*
Bain, Mrs. Gladys, *Secretary*
Overacker, H. E., *Group Leader, D and U*
Buss, R. R., *Group Leader, K*
Spangenberg, K. R., *Group Leader, Q*

RESEARCH AND ANALYSIS DIVISION

Van Vleck, J. H., *Division Head*
Cobine, J. D., *Group Leader, H*
Hamermesh, M., *Head, Document Room*
Van Vleck, J. H., *Group Leader, G*
*Kuiper, G. P. } *Window*
Whipple, F. L. }

RESEARCH AND ALLIED GROUPS

GROUP A

Dow, W. G., *Group Leader*
Clark, Shirley, *Secretary*

Ambroseno, B.
Artman, R. G.
Baumgartner, D. H.
Crawford, F. H.
Duggan, J. R.
Early, H. C.
Galt, J. K.
Hansen, N. O.
Hare, M. D.
Hawes, A. R.
Hok, C. G.
Jastram, P. S.
Keck, A.
Leonard, Virginia
Ohlsson, R. L.
Otis, C. F.
Parker, G. W.
Rheaume, R. A.
Turnbull, J. C.
Wadey, W. G.
Welch, E. S., Jr.
Welch, H. W., Jr.

DF AND ANTENNA DIVISION

Alford, A., *Division Head*
Gerrie, Elizabeth, *Secretary*
Ingalls, Evelyn, *Secretary*
Christensen, J. W., *Group Leader, C*
Dorne, A., *Group Leader, M–1*
Kraus, J. D., *Group Leader, M–2*
Barkofsky, E. D., *Technical Asst. to Division Head*
Allen, J. E.
Coburn, G. M.
MacDonald, H. S.
Ottaviani, Marie

GROUP C
(Under DF and Antenna Division)

Christensen, J. W., *Group Leader*

Corbin, P. M.
D'Addario, M. J.
Hatch, R. M.
Loomis, C. C.
Norton, R. A.
Overfield, Muriel
Pearson, P. A.
Power, Valerie
Strong, H. W.

*Now on Field Mission.

GROUP D
(Under Receiver Division)

Overacker, H. E., *Group Leader*
Palm, Doris, *Secretary*

Cary, R. J., Jr.
Gerson, H. I.
Griffin, S. J.
Kamphoefner, F. J.
Kearney, J. W.
Lebenbaum, M. T.
McIntee, W. E.
Powers, E. P.
Petrich, R. O.
Rakestraw, D. L.
Riemitis, C.
Upham, L. D.

DOCUMENT ROOM

Hamermesh, M., *Head*
Weinstock, R.

Ladd, Mary Elizabeth
Cox, Mrs. Marjorie
Desjardins, Jean
Linnitt, Barbara
Sawtell, Mrs. Beverly
Stewart, Mrs. Mildred

EDITORIAL DIRECTOR'S OFFICE

Reich, H. J., *Editorial Director*
McDowell, Louise
Pfaff, Jean, *Secretary*

FIELD DIVISION
(Includes Field Test Section, Laboratory Test Section, and Overseas Missions)

Dyer, J. N., *Co-Division Head*
Peterson, D. A., *Co-Division Head*
Fairbanks, Mrs. Doris, *Secretary*
Cahill, F. C., *Asst. to Division Heads*
Olson, Mrs. Vivian, *Secretary*
Moran, J. M., *Head, Field Test Section*
O'Brien, R. S., *Head, Laboratory Test Section*
Youngblood, J. F., *Director, Florosa Field Station*

FIELD TEST SECTION
(Under Field Division)

Moran, J. M., *Head*
Fairbanks, Mrs. Doris, *Secretary*

Adams, M. B.
Ellis, A. R.
King, R. C.
Klein, M. P.
Raburn, L. E.
Stephenson, J. G.
Whitby, O. W.
Wittkopf, J. J.

Youngblood, J. F., *Director, Florosa Field Station*

GROUP G

Van Vleck, J. H., *Group Leader*

Foster, D. D.
Hamermesh, M.
Kuhn, T. S.
Middleton, D.
Park, D. A.
Pressly, Eleanor
Sard, R. D.
Weinstock, R.

(Window)

Whipple, F. L.
*Kuiper, G. P.
Strong, Mrs. Phyllis, *Secretary*

Goble, A. T.
Taylor, D. W.
Tyler, A. W.
Wallour, C.

GROUP H

Cobine, J. D., *Group Leader*
Carr, Gloria, *Secretary*

Gallagher, C. J.
Gratrix, H. A.
Ruthberg, S.
Sanders, G. C.

INVENTION DISCLOSURES

Barrett, E., *Head*
Gray, Virginia, *Secretary*

Brown, I. M.
Farrell, W. E.
Jameson, Marie
Nile, A. H. (*Ex Officio*)

GROUP K

Buss, R. R., *Group Leader*
Palm, Doris, *Secretary*

Bain, R. B.
Butler, D. A.
Clark, C. B.
Green, R. W.
Heintz, R. M.
Horner, Grace
Hussey, F. L.
Keuffel, J. W.
McNees, S. G.
Noe, J. D.

LABORATORY TEST SECTION
(Under Field Division)

O'Brien, R. S., *Head*
Cowan, F. P., *Laboratory Head*
Athey, S. W., *Motion Picture Head*
Dolben, Mrs. Janet, *Secretary*
Harris, E. Katherine, *Clerk*

Anger, H. O.
Brill, E. R.
Ceriello, J. M.
Davis, K. A.
Ericksen, R. J.
Forget, R. C.
Gray, C.
Henkel, R. L.
Hoglund, R. H.
Kell, R. E.
Oinonen, K. W.
Packard, F. C.
St. John, Mrs. Mildred
Towle, M. L.
Woodruff, J. H.

*Now on Field Mission.

GROUP M–1
(Under DF and Antenna Division)

Dorne, A., *Group Leader*
Gerrie, Elizabeth, *Secretary*

Bock, E. L.
Carles, R. C.
Deming, Elvena
Errico, F.
Gundlach, H.
Hansen, R. H.
Harbury, P. L.
Harring, D. M.
Haskell, M. W.
Hughes, R. H.
Kasowski, S. E.
Keeler, P. M.
Klemm, G. H.
Knight, G. A.
Lazarus, D.
McSheehy, W. H.
Margolin, J.
Minot, H. P.
Nelson, Jessie
Pride, D. W.
Stavis, G.
Vuilleumier, Olivia
Ward, D. T.
Wilhoit, D. I.

GROUP M–2
(Under DF and Antenna Division)

Kraus, J. D., *Group Leader*
Ingalls, Evelyn, *Secretary*

Ayer, L. H.
Beraducci, S.
Beucler, J. F.
Boyington, L. E.
Clark, H. K.
Goozay, R. D.
Hudon, O.
McGuigan, W. D.
Mizen, C. A.
Peterson, A.
Shaw, Eleanor
Smith, N.
Waitt, Edna

MODEL COORDINATION AND RECORDS
(Under Executive Engineer)

Monroe, R. B., *Head*
Goodwin, A. B.
Waechter, P. M.

MODEL DESIGN
(Under Executive Engineer)

Plotts, E. L., *Head*
Pannebaker, Mrs. Barbara, *Secretary*

Barnes, F. R.
Eldredge, J. H., Jr.
O'Neill, H. T.
Shuler, E. W.
Smith, E. D.
Kelly, Virginia, *Secretary*

GROUP P — FLOROSA FIELD STATION

Youngblood, J. F., *Director*
Pendergrast, C. F., *Business Manager*
Hodge, Mrs. Alberta, *Secretary*

Anderson, R. E.
Kuck, B. M.
Vermillion, R. K.
Wartzok, D. F.

PROGRESS REPORTS

Holt, R. B.
Daley, Jean, *Secretary*

GROUP Q
(Under Receiver Division)

Spangenberg, K. R., *Group Leader*
Sturtevant, Barbara, *Secretary*

Boodry, G. E.
Cohn, S. B.
Fine, F. R.
Foster, J. S.
Howe, S. D.
Huggins, W. H.
Lawlor, W.
Manning, L. A.
Moore, T. E.
Rambo, W. R.
Richards, P. I.
Tuck, L. D.
Wedel, J. J., Jr.
Wills, R. C.
Wrobleski, W. D.
Zeidler, H. M.

RECEIVER DIVISION

Hulstede, G., *Division Head*
Bain, Mrs. Gladys, *Secretary*
(See Groups D, K, and U)

TEST AND STANDARDS DIVISION

Gager, F. M., *Head*
Tuttle, Virginia, *Secretary*

Belles, H. W.
Chase, Arbella
Crispell, H. L.
Hagen, G. D.
Kitowicz, W. F.
Lord, W. W.
Marshall, J. R.
Navid, B. N.
Norton, R. S.
O'Brien, R. G.
Rhiger, R. R.
Riley, J. C.
Robbiano, P. P.
Symonds, A. V.

TRANSMITTER DIVISION
(Formerly Groups B & F)

Yunker, E. A., *Division Head*
Fenn, Eva, *Secretary*

Aims, B. P.
Avery, R. E.
Barnes, R. B.
Berggren, E. J.
Bigelow, Joan
Black, J. R.
Bridgeford, G. R.
Clark, J. L.
Covey, K. R.
Gardner, G. W.
Googins, W.
Haffenreffer, Mrs. M.
Hunt, J. M.
Jacobs, G. B.
Larsen, L. C.
Loebel, L.
Lusted, L. B.
Rambo, W. R.
Reich, H. J.
Reid, R. E.
Reynolds, D. K.
Turner, A. T.
White, W. D.
Wickles, F. J.
Wilson, B. J.

GROUP U
(Under Receiver Division)

Overacker, H. E., *Group Leader*
Palm, Doris, *Secretary*

Ayer, H. C.
Boynton, W. H.
Bruns, R. A.
Eames, A. M.
Hadley, C. F.
Jeffries, C. D.
Krones, R.
Paignon, Phyllis
Soderman, R. A.
Swinney, J. G. C.
Wholey, W. B.

GROUP Y
(Under Engineering Services)

Scott, R. C., *Group Leader*
Hart, Mrs. Frances, *Secretary*

Design and Production Coordination

Evans, G. E.
Morehouse, G. D.
Kelly, Virginia, *Secretary*

Test

Brockman, M. H., *Head*
Farese, Viola, *Secretary*

Billington, W. P.
Cragin, G. R.
Dowell, M. R.
Hurley, W. A.
Kinsman, E. F.
Lazarkis, P. J.
Lee, C. F.
Owen, E. W.
Rogers, T. F.
Seates, J. K.
Zucker, F. J.

Assembly

Evans, G. E., *Head*
Rosenberg, H. W., *Ass't. Head*

Baldwin, C. P.
Boratgis, J. P.
Caswell, F. H.
Eldredge, Mrs. Mavis
Frickey, Florence
Grant, P. T.
Hagen, Ethel
Harding, R. W.
Ivonen, Ann
Leave, F. R.
Meyer, Mrs. Hope
Rogers, J. B.
Snow, P. H.
Winer, Mrs. Margaret

Electrical Inspection

Brown, P. M.
Mable, R. T.

SERVICE DIVISION OFFICES

ACCOUNTING DIVISION
(Includes General Accounting and Perpetual Inventory)

Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*

ENGINEERING SERVICES
(Coordinates Group Y, Drafting and Design, Shops, and Planning)

Scott, R. C., *Production Supervisor*
Glynn, F. S., *Asst. to Production Supervisor*
Hart, Mrs. Frances, *Secretary*

FACILITIES DIVISION
(Includes Building Operations, Traffic Department, Woodshop and Plastics)

Bowditch, E. F., *Division Head*
Adams, Virginia, *Secretary*

LIAISON DIVISION

Cullum, A. E., Jr., *Division Head*
Witherell, Audrey, *Secretary*

PROCUREMENT DIVISION
(Includes Expediting and Materials Liquidation, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

TRANSITION DIVISION

Brooks, E. D., Jr., *Transition Coordinator*
Anderson, Jean, *Secretary*

SERVICE DEPARTMENTS

ACCOUNTING DIVISION

Rowe, S. S., *Division Head*
Cumming, Isabel, *Secretary*
Lunden, F. O., *Cashier*
Robinson, Mrs. Rita, *Payroll*

General Accounting and Property Records

Nichols, F. W., *Head*
Cleeves, Mrs. Laura, *Secretary*
Aducci, Mary
Barker, Helen
Batchelder, Mrs. Muriel
Bradbury, Mrs. Ailene
Duby, Elise
Ghikas, Phalia
Horvath, Rita
LaPorte, Nancy
Martin, Emily
Murray, L. M.
Sheridan, Mildred
Wilchek, Mrs. Mary

Cost Accounting

Bunten, A. D.
Kelly, Mrs. Helen
Maynard, F. W.
Vasilakopoulos, Rose

Auditing

McGillicuddy, J. B.
Kelson, Edna

Perpetual Inventory

Elbery, W. P., *Head*
Deary, F. J.
Dukeshire, H. B.
Peterson, E. F.
Wall, J. J.

AIRPORT

Sutherlen, G. R., *Head*
Lepos, Blanche, *Secretary*
Batchelder, R. M.
Fortune, E. M.
Gillespie, J. W.
Grover, L. C.
Hopkinson, R. F.
Kelly, T. E.
Phillips, A. B.
Strick, H. A.
Stubbs, R. F.
Sullivan, J. C.

BUILDING OPERATIONS
(Under Facilities Division)

Cutter, W. G., *Department Head*
Bishop, Irene (*Stationery Stock*)
McHugh, Mary (*Ass't. Stationery Stock*)
Power, Loretta (*Keys*)
Goodwin, Dorothea (*Asst. Telephone Operator*)

Utility Men

Bearse, D.
di Baccari, A.
MacArthur, R.
Massey, G. H.
Morano, J.
Nestor, M. T.

Elevator Operators

Bowden, C. W.
Melanson, T. E.

Matron

Whalen, Mrs. Kathleen

BUILDING OPERATIONS (*Continued*)

Night Janitorial

Murphy, J. J., *Night Supervisor*
Biergiel, J. J.
Brooks, A. W.
Chambers, Mrs. E.
Cullity, Mrs. Nora
Daley, Mrs. Rose
Dennehy, Mrs. Abbie
Dorgan, Mrs. K.
Dunphy, Mrs. Anna
Forster, Mrs. Julia
Guinane, Mrs. Norah
Jackson, G. L.
Landry, Mrs. Frances
McCarthy, Mrs. Margaret
McCarthy, T. D.
McCormack, Mrs. Mary
McNamara, Mrs. Mary
O'Reilly, W. J.
Sheehan, Mrs. Ruth
Torpy, Mrs. Delia
Walker, Mrs. Elizabeth
Walsh, Mrs. Annie

DRAFTING AND DESIGN
(Under Engineering Services)

Wylde, C. I., *Department Head*
Bradt, H. G., *Chief Draftsman*
Allen, R.
Baghdoyan, Mary
Barnard, Mrs. Katherine
Berry, D. B.
Breed, A. W.
Brush, M. R.
Cate, A. R.
Dalton, G. A.
Dayton, R. W.
Der Hohannesian, G.
Dion, A. O.
Freeman, J. H.
Fulkerson, C.
Gulick, M. B.
Hanson, A.
Horton, H. M.
Johnson, E. G.
Johnson, M. C.
Johnston, Georgina
Kalt, O. C.
Kelley, L. B.
Kennedy, R. W.
Lapidas, M.
Lauriat, L.
LeBoutillier, G. T.
Linkin, I. M.
Lovett, Ann
Macdonald, H. S.
Morse, Nancy
Moulding, Mrs. Bara
Neuberger, G. F.
Parker, S. B.
Pertzoff, C. A.
Pigon, Dorothy
Pureka, T. T.
Putnam, W. E.
Romano, T. D.
Shaw, R. H.
Westhoff, Mrs. Evelyn
Williams, C. P.
Wolford, C. E.

Secretarial and Clerical

Casavant, June
Corliss, Mary
Haley, Mrs. Mary
Lightner, Elizabeth
Murdock, Mrs. Laurette
Petrow, Mrs. Jennie
Wright, Mrs. Frances

ENGINEERING SERVICES
(Coordinates Group Y, Drafting and Design, Shops, and Planning)

Scott, R. C., *Production Supervisor*
Glynn, F. S., *Asst. to Production Supervisor*
Hart, Mrs. Frances, *Secretary*

EXPEDITING AND MATERIALS LIQUIDATION
(Under Procurement Division)

Rogers, R. C., *Department Head*
Murphy, Mary, *Secretary*
Currie, W. H., *Expeditor*
Smythe, Mrs. Josephine, *Expeditor*
Baker, J. H., *Surplus Storage*
Pugh, Mary, *Clerk*

FACILITIES DIVISION
(Includes Building Operations, Traffic Department, Woodshop and Plastics)

Bowditch, E. F., *Division Head*
Adams, Virginia, *Secretary*

FIELD STATION LIAISON

Holt, R. B., *Department Head*
Cobb, Ann, *Secretary*
Daley, Jean, *Secretary*
Granger, Mrs. Katherine, *Secretary*

GUARDS

Burrows, G. F., *Security Officer*
Bouzane, C. M., *Supervisor*
Rogers, H. G., *Supervisor*
Barry, J. J.
Braun, W. J.
Brennan, J. J.
Coyne, M. D.
Creedon, J. D.
Dillon, F. J.
Driscoll, T. J.
Hart, A.
Johnson, J. F.
Lanigan, E. M.
Lawrence, G. C.
Litch, J. H.
MacIntosh, B. A.
Martin, W. J.
McMurray, T. J.
Murphy, M. F.
Regan, D. P.
Rodden, J. J.
Shaw, J.
Shaw, W. S.
Stevenson, P.
Tillson, H. V.
Whiting, E.

INSTRUMENTS

Wilson, V. P., *Department Head*
Sowles, Phebe, *Secretary*
Barron, A. J.

KARDEX
(Under Procurement Division)

Bartram, Mrs. Dorothy, *Department Head*
Berger, Mrs. Margaret
Butler, Mrs. Hope
Raymond, Ruth

ILLUSTRATING DEPARTMENT
(Under Publishing Division)

Adams, F. P., *Department Head*
Benard, Mary
Burton, Mrs. Mae
Crosby, Mrs. Elinor
Dyer, Elizabeth
Last, F. N.
Menut, Eleanor
Wood, Greta

LIAISON DIVISION

Cullum, A. E., Jr., *Division Head*
Witherell, Audrey, *Secretary*

Barnard, R. C., *Projects & Records*
Popa, Mrs. Irene, *Secretary*
Barresi, Florence, *Clerk*
Dale, Muriel, *Archivist-Secretary*
Gariepy, E. E., *Project Expediter*

Bacorn, Barbara, *Head, Project Coordination Center*
Phippen, Lydia, *Assistant Head*
Rowlands, Corinne, *Clerk*
Caldwell, Christine, *Secretary*

Leadbetter, Barbara, *Senior Clerk*

Liaison Representatives

Daniell, C. M., *Army, Navy* (BuAer)
Nonnemaker, Mrs. Ruth, *Secretary*
Hammett, R. L., *Special Projects & Field Tests*
Walker, Kathryn, *Secretary*
Villard, O. G., Jr., *Navy* (other than BuAer)
Bennett, Ann, *Secretary*
Bacorn, Barbara, *Assistant*
Holt, R. B., *ATSC, ARL* (Dayton, Ohio)

Report Section

Jasberg, J. H., *Head*
Anton, Martha, *Secretary*
Cola, Irene, *Secretary*
Wright, Marie, *Secretary*

MECHANICAL CONSULTANT

Elliot, H. F.

PERSONNEL DEPARTMENT

Sutherland, G. A., *Personnel Director*
Hickman, R. W., *Advisor*
Dimick, Carolyn, *Secretary*
Dix, W. S., *Assistant Personnel Director*
Nile, A. H., *Assistant Personnel Director*
Cotter, Helen
Dunlap, Mrs. Grace
Hatch, Barbara
McPartland, Marguerite
Stanley, Mrs. Elizabeth, *Nurse*
Thomas, Maude, *Selective Service Supervisor*
Giddings, Mrs. Lenore

PHOTOGRAPHY DEPARTMENT
(Under Publishing Division)

Friedman, R. S., *Department Head*
Hall, M. T.
Mason, G. W.
Toye, Phyllis

PLANNING DEPARTMENT

Scott, R. C., *Head*
Morley, H. B., *Ass't. Head — Electronics Section*
McGah, J. T., *Ass't. Head — Engineering Liaison*

Electronics Section

Morley, H. B., *Head*
Carlson, Mrs. Marjorie, *Secretary*
Eaton, R. K.
Goodwin, A. B. (on loan to Model Coordination and Records)
Jacobs, G. B., *Transformer Designer*
Robinson, C. J.
Crowley, Jeanne, *Secretary*

Engineering Liaison

McGah, J. T., *Head*
Schroeder, Mrs. Marjorie, *Secretary*
Merchant, H. A., *Expediter*

Subcontract Section

Perkins, E. M., *Head*
Bishop, Ann, *Secretary*
Holland, G. E.
Vitagliano, A. H.
Waechter, P. M. (on loan to Model Coordination and Records)
Stavis, Mrs. Margaret, *Secretary*

PROCUREMENT DIVISION
(Includes Expediting and Materials Liquidation, Kardex, Purchasing, Receiving and Shipping, Stockroom, and Subcontracting Department)

Cole, C. L., *Division Head*
Corson, Mrs. Anita, *Secretary*

PUBLISHING
(Includes Illustrating and Photography)

Schmitz, E. A., *Division Head*
Sawyer, A. E., *Production Manager*
Beinke, Mrs. Barbara

Multilith Section

Sturges, D. R., *Section Head*
French, Miriam
Hatfield, Dorothy
Holmes, Mary

Distribution Section

Peet, O., *Section Head*
Brooks, Harriet
Carlson, Phyllis
Kessler, Mrs. Helen
Pinney, Mrs. Iva

Duplicating Section

Jellison, Ann, *Section Head*
Allen, Barbara
Loper, Gwendolyn

PURCHASING DEPARTMENT
(Under Procurement Division)

Gibson, F. M., *Purchasing Agent*
Gill, J. A., *Asst. Purchasing Agent*
Meredith, Carolyn, *Secretary*

Buyers

Burd, E. D.
Jones, N. E.
Taft, F. W.

Clerks

Alexander, Mildred
Gowtage, Mrs. Norma
O'Neill, Margaret
Peterson, Rita

RECEIVING AND SHIPPING ROOM
(Under Procurement Division)

Jones, E. V., *Department Head*
Cail, W. V.
Dallmer, A. J.
Fawcett, J. C.
Oleson, C. K., *Driver*
Szidat, S.
Tice, G. J.
Winstanley, D. J.

SHOPS DIVISION

Wilkins, A. O., *Director of Shops*

MACHINE SHOP

Zimmerman, J. C., *General Foreman*
Machinists & Sheet Metal Workers

Bates, G., *Foreman*
Bjork, A. W.
Bowie, N. W.
Brown, C. H.
Carco, C.
Davidson, A. J.
Devonshire, H. F.
Dow, E. H.
Doyle, W. A.
Dudley, F. A.
Hanna, K. C.
Hemmerdinger, W. J.
Hood, T. W.
Johansen, E. L.
Langguth, C. A.
Lawson, Nancy
Mehne, F. E.
Robb, H.
Selander, K. H.
Smith, E. B.
Smith, R. O.
Staples, R. S.
Thoresen, T. E.

Parker, F. L., *Foreman*
Arnold, N. H.
Barrington, K. P.
Brown, H. C.
Carle, A. J.
Cawthron, F.
Erickson, R. W.
Haigh, R. G.
Lindi, A.
Livingston, G. P.
McNally, J. H.
Morris, R. P.
Perry, J. H.
Porter, L.
Roy, W. H.
Usis, S.
Williamson, G. J.

Jackson, W. B., *Foreman*
Angell, O. R.
Bacon, R. W.
Bent, L. T.
Berry, G.
Burgess, Doris
Cooper, F. J.
Crum, K. L.
D'Angelo, Nina
Desmond, H. B.
Eastman, Mrs. Myrtle
Farnham, A. E.
Grow, Frances
Jones, Evelyn
Kershaw, W. F.
Lyons, Marion
Petrelli, Leonora
Rogers, N. I.
Stote, R. H.
Tosi, A. L.
Ward, Mrs. Mollie
Watson, E.
Wellington, Margery
Worthington, Illione
Yule, J. C.

Paine, F. W., *Project Inspector*
Christensen, A. G., *Night Foreman*

SHOPS DIVISION OFFICE

Tamm, C. E., *Administrative Supervisor*
Maher, J. J., *Assistant to Supervisor*
Trenchard, Mrs. Mary, *Secretary*
Booth, Mrs. Elizabeth
Glazer, Mrs. Lillian
Harrington, Ruth
Pollard, Harriet
Rozon, Dorothy

Laboratory Shops

Daley, F. A., *Tool Inspector*
Crandall, Thelma
Landfear, A. H.
Ritchie, F. W.

Production Material Department

Whittier, M. S., *Supervisor*
Brodeur, H. J.
Downey, M.
Higgins, N. G.
McPherson, S. H.

Raw Stock Department

Tompson, S. E., *Raw Stock Inspector*
Breed, B.
Downing, E. J. (nights)
Pollard, L. R.
Ruck, J. F.
Sargent, E.

Tool & Stock Department

Regan, Barbara, *Tool & Stockroom Manager*
Beach, Barbara, *Ass't Tool & Stkrm. Mgr.*
Scribner, L. A., *Toolroom Mgr.* (nights)
Fortune, E. M., *Toolroom Mgr.* (Bedford)

PAINTING & PLATING SHOP

LaRosee, R. L., *Foreman*
Corliss, F. M.
Gallagher, J. L.
LeDoux, E.
McClellan, W. F.

TRANSFORMER SHOP

Blum, J. W., *Foreman*
Anastasy, N. L.
Chandonnet, H. J.
Hartel, E. J.
LeBlanc, F. A.
Temple, D. H.

STOCKROOM
(Under Procurement Division)

Fogg, E. W., *Manager*
Mulcahey, J. D., *Asst. Manager*
Darcy, H. N.
Fitzgerald, Eleanor
Fuller, C. G.
Heffernan, D. S.
Kleinfelder, Ann
Koocher, A.
MacKinnon, F. R.
MacQuarrie, June
Moakler, Beatrice
O'Brien, E. R.
O'Brien, Irene
O'Sullivan, R. F.
Reid, Mrs. Margaret
Welch, R. A.

SUBCONTRACTING DEPARTMENT
(Under Procurement Division)

Cooke, L. S., *Department Head*
Lee, Dorothy, *Secretary*
Locke, A. E.
McCullough, M. A.
Smith, G. M.

SWITCHBOARD
(Under Building Operations)

Pearl, Mrs. Marie, *Head Operator*
Bowles, Mrs. Mary
Burns, Mrs. June.
Conway, Margaret
Estrada, Mrs. Gertrude
Salvucci, Mrs. Katherine
Kelly, Mrs. Gertrude (*nights*)
Mahoney, Mrs. Mary (*on call*)

TRAFFIC DEPARTMENT
(Under Facilities Division)

Bradley, R. F., *Head*
Maley, J. J., *Reservations*
Nibbe, Mrs. Geneva, *Secretary*
Harrison, Dorothy, *Secretary*

Messengers — Mail

Lynch, Mary, *Head*
Dunn, Gloria
McGarr, Theresa
Mosher, Phyllis
Reynolds, Joan
Spaulding, Gladys
Whitney, Elizabeth

Smith, Alice, *Telegrams*

Drivers

Lucas, K. A., *Dispatcher*
Aldersen, R. E.
Chase, B. A.
Ruddiman, R. J.
Sullivan, J. T.

TRANSITION DIVISION

Brooks, E. D., Jr., Transition Coordinator
Anderson, Jean, *Secretary*
Moyer, R. C., *Receiver Section*
Singleton, H. C., *Antenna Section*
Driscoll, Clare, *Assistant*
Womack, Flora, *Secretary*
Moses, M. G., *Window Section*
Lubin S., *Test Equipment & Transmitter Section*
Melbye, Margaret, *Secretary*
Howland, G. H., *Transition Allocations*
Bigelow, E. L., *Assistant*
Enright, Eleanor, *Secretary*
Butler, Marjorie, *Clerk*
Alden, E. R., *Transition Stockroom*
McLaughlin, H. C., *Assistant*

WOODSHOP & PLASTICS
(Under Facilities Division)

Hart, F. R., *Superintendent*
Leonard, Louise, *Clerk*
Vigliotti, L. H., *Foreman*
Andersen, H. L.
Annis, F. R.
Cook, R. J.
Earle, R. G.
Harrison, R.
Holland, W. R.
Jackson, H. W.
Portanova, J. R.
Williams, J. A.

AMERICAN-BRITISH LABORATORY OF DIVISION 15

TERMINATION GROUP

Dyer, J. N., *Director*
Clarke, L. L.
MacKillop, H.
Anderson, Julia
Gilbert, Doris

CONSULTANTS

Allaire, R. P.
Ashby, R. M.
Beranek, L. L.
Boring, E. G.
Chaffee, E. L.
Chu, L. J.
Clogston, A. M.
Cohen, R. S.
Collins, G. B.
Connelly, C. M.
Cork, B. B.
Everhart, E.
Feldmeier, J.
Gaither, H. R.
Garman, R. L.
Goldmark, P. C.
Goudsmit, S. A.
Granger, J. V.
Guillemin, E. A.
Halloran, A. H.
Harrison, W. T.
Hendricks, P. S.
Hinkley, J. W.
Howard, J. K.
Johnson, H. M.
Jordan, W. H.
King, R. W. P.
Knipp, J.
Lawson, J. L.
Lewis, R. F.
Liebowitz, B.
Linford, L. B.
McCreary, R. L.
Marshall, L. C.
Martin, E. G.
Mimno, H. R.
Nelson, R. R.
Newman, E. B.
Peterson, A. P.
Reedy, P. H.
Rollefson, R.
Rudmose-Jones, H. W.
Salisbury, W. W.
Sather, O.
Serrell, R.
Silliman, R. M.
Sinclair, D. B.
Smith, D. T.
Smith, W. V.
Stevens, S. S.
Stone, A. M.
Tape, G. F.
Uhlenbeck, G.
Van Atta, L. C.
Wallace, R. L., Jr.
Wallman, H.
White, D. G.
Wing, A. H., Jr.

FIELD MISSIONS

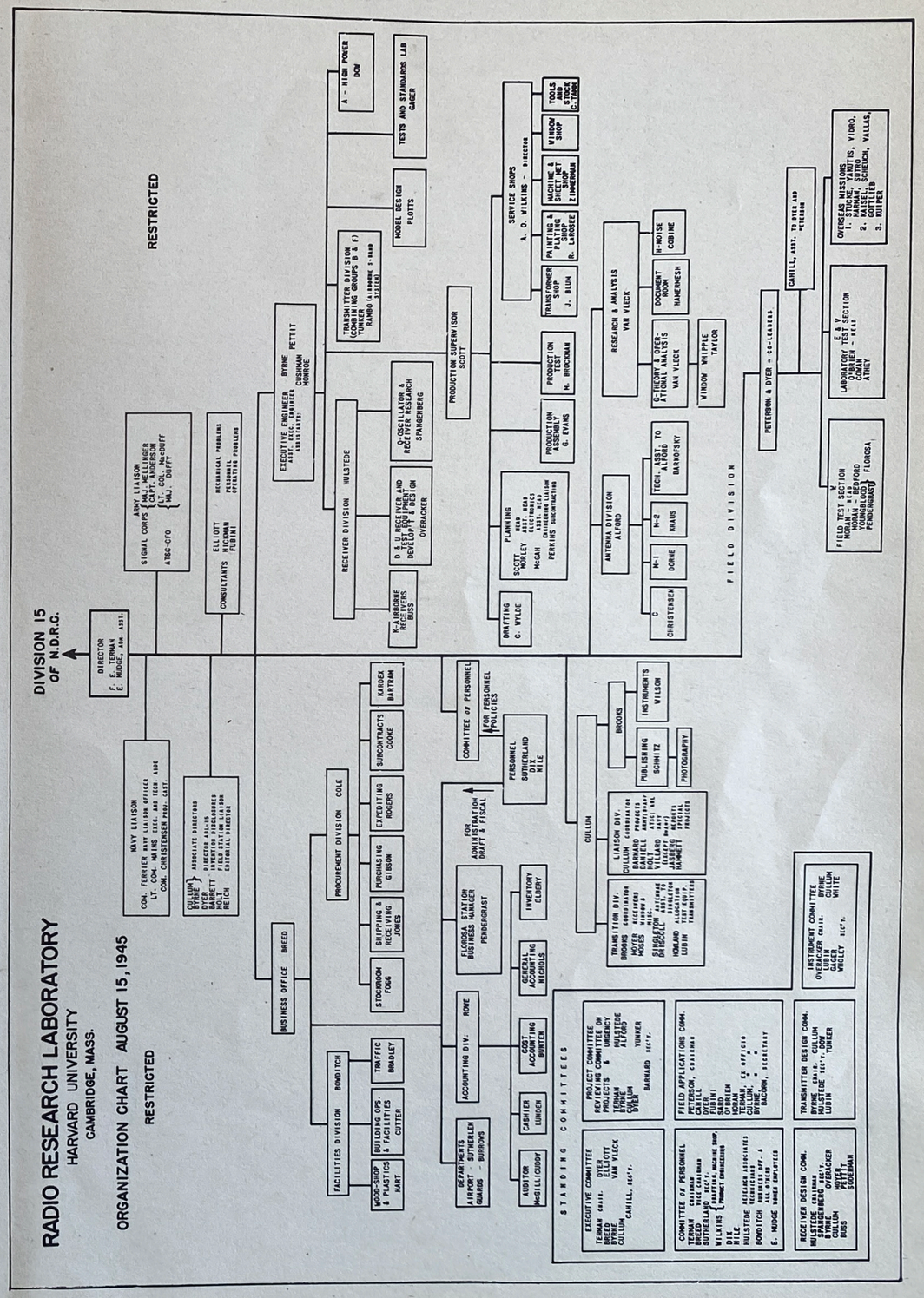
Kaisel, S. F.
Kuiper, G. P.
Scheuch, D. R.
Stucke, A. F.
Sutro, P. J.

TRANSFERRED TO O.S.R.D. OFFICE OF FIELD SERVICE

Harman, A. R.
Vidro, E. F.
Yakutis, A. J.

UNASSIGNED

McCouch, G. P.
Oliphant, C. W.



RADIO RESEARCH LABORATORY

HARVARD UNIVERSITY

CAMBRIDGE, MASS.

ORGANIZATION CHART AUGUST 15, 1945

RESTRICTED

RESTRICTED

DIVISION 15 OF N.D.R.C.

DIRECTOR
F. E. TERMAN
E. MUDGE, ADM. ASST.

NAVY LIAISON
COM. FERRIER NAVY LIAISON OFFICER
LT. COM. MAINS EXEC. AND TECH. AIDE
COM. CHRISTENSEN PROJ. CAST.

ARMY LIAISON
SIGNAL CORPS { MAJ. MELLINGER, CAPT. ANDERSON
ATSC-CFO { LT. COL. MacDUFF, MAJ. DUFFY

CULLUM, BYRNE } ASSOCIATE DIRECTORS
DYER — DIRECTOR ABL-15
BARRETT — INVENTION DISCLOSURES
HOLT — FIELD STATION LIAISON
REICH — EDITORIAL DIRECTOR

CONSULTANTS
ELLIOTT — MECHANICAL PROBLEMS
HICKMAN, FUBINI — PERSONNEL OPERATING PROBLEMS

BUSINESS OFFICE BREED

FACILITIES DIVISION BOWDITCH
- WOOD-SHOP & PLASTICS HART
- BUILDING OPS. & FACILITIES CUTTER
- TRAFFIC BRADLEY

PROCUREMENT DIVISION COLE
- STOCKROOM FOGG
- SHIPPING & RECEIVING JONES
- PURCHASING GIBSON
- EXPEDITING ROGERS
- SUBCONTRACTS COOKE
- KARDEX BARTRAM

DEPARTMENTS
AIRPORT - SUTHERLEN
GUARDS - BURROWS

ACCOUNTING DIV: ROWE
- AUDITOR McGILLICUDDY
- CASHIER LUNDEN
- COST ACCOUNTING BUNTEN
- GENERAL ACCOUNTING NICHOLS
- INVENTORY ELBERY

FLOROSA STATION BUSINESS MANAGER
PENDERGRAST

FOR ADMINISTRATION DRAFT & FISCAL

COMMITTEE ON PERSONNEL

FOR PERSONNEL POLICIES

PERSONNEL
SUTHERLAND
DIX
NILE

CULLUM

TRANSITION DIV.
BROOKS COORDINATOR
MOYER RECEIVERS
MOSES WINDOW & MISC.
SINGLETON, DRISCOLL ANTENNAE ASST. TO SINGLETON
HOWLAND ALLOCATION
LUBIN TEST EQUIP. TRANSMITTERS

LIAISON DIV.
CULLUM COORDINATOR
BARNARD PROJECTS
DANIELL ARMY; BuAer
HOLT ATSC; ARL
VILLARD NAVY
(EXCEPT BuAer)
JASBERG REPORTS
HAMMETT SPECIAL PROJECTS

BROOKS
- PUBLISHING SCHMITZ
- INSTRUMENTS WILSON
- PHOTOGRAPHY

STANDING COMMITTEES

EXECUTIVE COMMITTEE
TERMAN CHAIR. — DYER
BREED — ELLIOTT
BYRNE — VAN VLECK
CULLUM
CAHILL, SEC'Y.

PROJECT COMMITTEE REVIEWING COMMITTEE ON PROJECTS & URGENCY
TERMAN — HULSTEDE
BYRNE — ALFORD
CULLUM
DYER — YUNKER
BARNARD SEC'Y.

COMMITTEE ON PERSONNEL
TERMAN CHAIRMAN
BREED VICE CHAIRMAN
SUTHERLAND SEC'Y.
WILKINS { DRAFTING, MACHINE SHOP, PRODUCT ENGINEERING
DIX
NILE
HULSTEDE RESEARCH ASSOCIATES TECHNICIANS
BOWDITCH BUSINESS OFF. & ALL OTHERS
E. MUDGE WOMEN EMPLOYEES

FIELD APPLICATIONS COMM.
PETERSON, CHAIRMAN
CAHILL
DYER
FUBINI
SARD
O'BRIEN
MORAN
TERMAN, EX OFFICIO
CULLUM, " "
BYRNE, " "
BACORN, SECRETARY

RECEIVER DESIGN COMM.
HULSTEDE CHAIRMAN
SPANGENBERG SEC'Y.
BYRNE — OVERACKER
CULLUM — MOYER
BUSS — PETTIT
SODERMAN

TRANSMITTER DESIGN COMM.
BYRNE CHAIR. CULLUM
HULSTEDE SEC'Y. DOW
LUBIN YUNKER

INSTRUMENT COMMITTEE
OVERACKER CHAIR. — BYRNE
LUBIN — CULLUM
GAGER — WHITE
WHOLEY SEC'Y.

EXECUTIVE ENGINEER BYRNE
ASST. EXEC. ENGINEER PETTIT
ASSISTANTS: CUSHMAN, MONROE

RECEIVER DIVISION HULSTEDE
- K-AIRBORNE RECEIVERS BUSS
- D & U RECEIVER AND TEST EQUIPMENT DEVELOP'T & DESIGN OVERACKER
- Q-OSCILLATOR & RECEIVER RESEARCH SPANGENBERG

TRANSMITTER DIVISION (COMBINING GROUPS B & F) YUNKER
RAMBO (AIRBORNE S-BAND SYSTEM)

A - HIGH POWER DOW

MODEL DESIGN PLOTTS

TESTS AND STANDARDS LAB GAGER

PRODUCTION SUPERVISOR SCOTT

DRAFTING C. WYLDE

PLANNING
SCOTT, MORLEY — HEAD
McGAH — ASST. HEAD ELECTRONICS
PERKINS — ASST. HEAD ENGINEERING LIAISON SUBCONTRACTING

PRODUCTION ASSEMBLY G. EVANS

PRODUCTION TEST M. BROCKMAN

SERVICE SHOPS
A. O. WILKINS - DIRECTOR
- TRANSFORMER SHOP J. BLUM
- PAINTING & PLATING SHOP R. LaROSEE
- MACHINE & SHEET MET SHOP ZIMMERMAN
- WINDOW SHOP
- TOOLS AND STOCK C. TAMM

ANTENNA DIVISION ALFORD
- C CHRISTENSEN
- M-1 DORNE
- M-2 KRAUS
- TECH. ASST. TO ALFORD BARKOFSKY

RESEARCH & ANALYSIS VAN VLECK
- G-THEORY & OPERATIONAL ANALYSIS VAN VLECK
- DOCUMENT ROOM HAMERMESH
- H-NOISE COBINE
- WINDOW WHIPPLE, TAYLOR

FIELD DIVISION

PETERSON & DYER - CO-LEADERS

CAHILL, ASST. TO DYER AND PETERSON

FIELD TEST SECTION
MORAN - HEAD
MORAN - BEDFORD
YOUNGBLOOD, PENDERGRAST } FLOROSA

E & V LABORATORY TEST SECTION
O'BRIEN - HEAD
COWAN
ATHEY

OVERSEAS MISSIONS
1. STUCKE, YAKUTIS, VIDRO, HARMAN, SUTRO
2. KAISEL, SCHEUCH, VALLAS, GOTTLIEB
3. KUIPER

RADIO RESEARCH LABORATORY

PERSONNEL DIRECTORY

January 15, 1946

DIRECTOR'S OFFICE

Terman, F. E., Director
Mudge, Elizabeth, Administrative Assistant
Byrne, J. F., Associate Director Cullum, A. E., Associate Director
Palm, Doris, Secretary
Oliphant, C. W., Assistant to the Director
Sturtevant, Barbara, Secretary

NDRC - DIVISION 15, TECHNICAL AIDE

Albrecht, H. W., Technical Aide
Felton, Katherine, Secretary
Regan, Ellen, Secretary
Donahue, J. D., Administrative Assistant
Bresnan, Mrs. Helen McCabe, Mrs. Margaret Slater, Dorothy

BUSINESS MANAGER'S OFFICE

Breed, N. P., Business Manager
Turner, Louise, Secretary
Gibson, F. M. Rogers, R. C.

EDITORIAL DIRECTOR'S OFFICE

McDowell, Louise
Reich, H. J., Consultant Halloran, A. H., Consultant
Reynolds, Mrs. Eva, Secretary
Buss, R. R.

SUMMARY TECHNICAL REPORT OFFICE

Holt, R. B.
Clark, Shirley, Secretary

ARCHIVES

Garlepy, E. E.
Rowlands, Corinne

DOCUMENT ROOM

Ladd, Mary Elizabeth, Head
Cox, Mrs. Marjorie
Leonard, Virginia
Paignon, Phyllis
Stewart, Mrs. Mildred
St. John, Mrs. Mildred

ACCOUNTING DIVISION

Rowe, S. S., Division Head
Cumming, Isabel, Secretary
Elbery, W. F., Inventory
Lunden, F. O., Cashier

General Accounting and Property Records

Adducci, Mary
Barker, Helen
Batchelder, Mrs. Muriel
Ghikas, Phalia
Glazebrook, Mrs. Nancy
Wilchek, Mrs. Mary

Kardex

Bartram, Mrs. Dorothy, Head
Raymond, Ruth

Payroll

Robinson, Mrs. Rita
Vasilakopolous, Rose

Property Shipment

Bunten, A. D.
Horvath, Mrs. Rita
Lord, W. W.
Martin, Emily
Maynard, F. W.

Travel

Maley, J. T.
Smith, Alice

FACILITIES DIVISION

Bowditch, E. F., Division Head
Ferguson, Mrs. Dorothy, Secretary

Building Operations Section

Cutter, W. G., Department Head
Burns, Mrs. June
McHugh, Mary, Stationery Stock
Smith, G. M.

Elevator Operators

Bowden, C. W.
Melanson, T. E.

Night Janitors

Murphy, J. J., Night Supervisor
Biergiel, J. J.
Brooks, A. W.
Dorgan, Mrs. K.
Jackson, G. L.
Landry, Mrs. Frances
McNamara, Mrs. Mary

Switchboard

Bowles, Mrs. Mary
Duffy, Mrs. Mary
Kelly, Mrs. Gertrude
Salvucci, Mrs. Katherine
Mahoney, Mrs. Mary (on call)

Utility Men

Shaw, J. J., Supervisor
Grover, L.
MacArthur, R.
Massey, G. H.
Morano, J.

Woodshop

Hart, F. R., Superintendent

Andersen, H. L.
Annis, F. R.
Arnold, N. H.
Earle, R. G.
Holland, W. R.
Portanova, J. R.
Williams, J. A.

RECEIVING AND SHIPPING ROOM

Jones, E. V., Dept. Head
Cail, W. V.
Fawcett, J. C.
Nestor, M. T.
Stubbs, R. F.
Szidat, S.
Tice, G. J.
Winstanley, D. J.

SHOPS OFFICE

Maher, J. J., Supervisor
Bauer, Mrs. Grace
Harrington, Ruth
Anastasy, N.
Beach, Barbara
Breed, B. I.
Daley, F.
Davidson, A. J.
Downing, E. J.
Fortune, E. M.
Landfear, A. H.
Owen, E.
Ritchie, F. R.
Tompson, S. E.

STOCKROOM

Fogg, E. W., Manager
Mulcahey, J. D.,Asst. Manager
Darcy, H. N.
Fitzgerald, Eleanor
Fuller, C. G.
Koocher, A.
Locke, A. E.
MacKinnon, F. R.
McCullough, M. A.
O'Brien, E. R.
Reid, Mrs. Margaret

GUARDS

Burrows, G. F., Security Officer
Bouzane, C. M., Supervisor
Braun, W. J.
Brennan, J. J.
Coyne, M. D.
Dillon, F. J.
Lanigan, E. M.
MacIntosh, B. A.

GUARDS Cont.

Martin, W. J.
McMurray, T. J.
Regan, D. P.
Rodden, J. J.
Rogers, H. G.
Stevenson, P.

INSTRUMENTS

Goodwin, A. B.
Sowles, Phebe, Secretary

PERSONNEL DEPARTMENT

Sutherland, Gordon, Personnel Director
Hickman, R. W., Advisor
Dimick, Carolyn, Secretary
Dix, W. S., Assistant Personnel Director
Nile, A. H. Asst. Personnel Director
Mudge, Elizabeth, Admin. Asst.
Crowley, Jeanne
McPartland, Marguerite
Thomas, Maude, Selective Service Supervisor

Mail Room

Lynch, Mary

Placement Office

Taft, F. W.
Meyer, Mrs. Hope

Terminations Office

Gill, J. A.
Lee, Dorothy

PUBLISHING DIVISION

Schmitz, E. A., Division Head
Sawyer, A. E., Production Manager
Murdock, Laurette, Proof Reader
Barr, Josephine
Cola, Irene
Kelly, Virginia
Lepos, Blanche
Mead, Dorothea
Turner, Ethel
Wright, Mrs. Frances
Wright, Marie

Multilith Section

Sturges, D. R., Section Head
French, Miriam
Hatfield, Dorothy
Ward, Mrs. Mollie

Distribution Section

Pinney, Mrs. Iva
Brooks, Harriet
Glazer, Mrs. Lillian

Duplicating Section

Jellison, Ann
Carlson, Phyllis

Drafting

Haley, Mrs. Mary
Hagen, Ethel

Illustrating

Adams, F. P.,
Allen, R.
Anton, Martha
Bagdoyan, Shogher
Booth, Mrs. E.
Dalton, G. A.
Demetropolous, C.
Grow, Frances
Gulick, M. B.
Horton, H.
Medak, W.
Nathanson, Mrs. Helen

Photography

Sturges, D. R.
Forget, R.
Forgie, F.
Jones, Evelyn

TYPING CENTRE

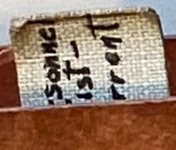
Mudge, Elizabeth
Anderson, Mrs. Virginia
Butler, Marjorie
Caldwell, Christine
Dixon, Mrs. Dorothy
Donovan, Mrs. Miriam
Gleichman, Mrs. Barbara
Gowtage, Mrs. Norma
Granger, Mrs. Katherine
Kelly, Mrs. Helen
Leonard, Louise
Meredith, Carolyn
Pfaff, Jean
Popa, Mrs. Irene
Rohleder, Mrs. Patricia
Smith, Mrs. Muriel
Trenchard, Mrs. Mary L.

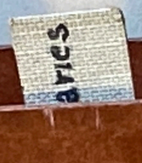
Stanford University Archives

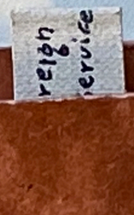
SC 160 SERIES I

Box 2 Folder: 1/1

Personnel; General Folder
1943-45







SC160
SERIES II
Box 2
F-10

PERSONNEL - General Folder

Stanford University Archives
SC160 SERIES II
Personnel: General Folder
1943-45

Stanford University Archives

SC160 SERIES I

Personnel; General Folder
1943-45

Personnel List - Current

Salaries

Miscellaneous

SC160
Series II
Box 2
F 10

Stanford University Archives
SC160
Box 4
Salaries
Personal Misc
Personal; General Folder
1943-45

LIST OF PROPOSED SALARY INCREASES FOR WOMEN EMPLOYEES REMAINING AT RRL AFTER DECEMBER 1, 19

These changes go to Miss McCafferty for approval

Name	Present Salary	Proposed Salary	Effective	Reason
Cox, Marjorie	$210.00	$225.00	11/1/45	Length of Servi
Smythe, Josephine	165.00	180.00	11/1/45	Merit
Reid, Margaret	170.50	185.00	9/1/45	Length of Servi
MacQuarrie, June	110.00	120.00	9/1/45	Merit
O'Brien, Irene	110.00	120.00	10/1/45	Merit
Linnitt, Barbara	110.00	125.00	11/1/45	Merit
Stewart, Mildred	120.00	140.00	10/1/45	Merit
Spaulding, Gladys	.45	.50	10/16/45	End of trial per
Smith, Alice	130.00	140.00	9/1/45	Length of servic
Brown, Margaret	157.50	170.00	10/1/45	Reclass: Sr. Sec
Smillie, Claudia	167.83	180.00	10/1/45	Merit
Kaspar, Rosalind	152.50	160.00	10/1/45	Length of Servic
Power, Loretta	136.50	146.50	10/1/45	Merit
Bowles, Mary	110.00	117.50	11/1/45	End of trial per
Salvucci, Katherine	115.00	122.50	11/1/45	Merit
Holmes, Louise	185.00	200.00	9/1/45	Merit
Alexander, Mildred	135.00	150.00	10/1/45	Length of servic
Bartram, Dorothy	160.00	190.00	11/1/45	Merit
Sowles, Phebe	132.00	150.00	9/16/45	Merit
Kelly, Virginia	160.00	175.00	9/1/45	Reclass: Sr. Sec
Hart, Frances	162.00	175.00	11/1/45	Merit
Palm, Doris	175.00	185.00	10/1/45	Merit
Lee, Dorothy	180.00	195.00	11/1/45	Merit
Dimick, Carolyn	180.00	195.00	9/16/45	Merit
McPartland, Marguerite	125.00	140.00	11/1/45	Merit
Crowley, Jean	125.00	135.00	10/16/45	End of trial peri
Womack, Flora	150.00	162.00	10/16/45	Reclass: Sr. Sec'
Benard, Mary	190.00	210.00	9/1/45	Promotion to Assistant Sectio Head, Illustrati
Crosby, Elinor	160.00	175.00	10/16/45	Merit
Jeffries, Elizabeth	110.00	120.00	9/16/45	Merit
Menut, Eleanor	135.00	150.00	9/16/45	Merit
Wood, Greta	129.16	141.60	10/1/45	End of trial peri
Morse, Nancy	155.00	170.00	9/1/45	Merit
Pigon, Dorothy	160.00	170.00	9/1/45	Reclass: Jr. Draf man
Moulding, Bara	160.00	170.00	10/1/45	" " " " at end of trial p od
Harrington, Ruth	159.50	170.00	10/1/45	Reclass: Jr. Draf man
Booth, Elizabeth	135.00	145.00	11/1/45	Reclass: Sr. Clerl
Turner, Louise	195.00	210.00	10/1/45	Length of Service
Brooks, Harriet	130.00	145.00	9/1/45	Merit
Carlson, Phyllis	115.00	125.00	9/16/45	Merit

Name	Present Salary	Proposed Salary	Effective	Reason
French, Miriam	$120.00	$130.00	9/16/45	Merit
Hatfield, Dorothy	140.00	150.00	11/1/45	Merit
Fairbanks, Doris	150.00	162.00	9/16/45	Promotion to Sr. Sec'y
Murdock, Laurette	125.00	150.00	9/1/45	End of trial period
Lepos, Blanche	158.50	167.50	9/1/45	Reclass.-Sr. Sec'y
Haley, Mary	143.00	150.00	10/1/45	Length of Service
Petrow, Jennie	135.00	140.00	10/1/45	Merit
Wright, Frances	160.00	170.00	10/1/45	Merit
Leadbetter, Barbara	165.00	175.00	10/1/45	Merit
Phippen, Lydia	140.00	150.00	9/16/45	Merit
Ghikas, Phalia	165.00	180.00	10/1/45	Merit
Kelson, Edna	160.00	175.00	10/1/45	Merit
Martin, Emily	170.00	185.00	10/1/45	Length of service
Cumming, Isabel	150.00	160.00	11/1/45	Merit
Glazebrook, Nancy	135.00	150.00	10/16/45	Merit
Wilchek, Mary	110.00	130.00	9/1/45	End of trial period
Vasilakopoulos, Rose	160.00	175.00	11/16/45	Merit
Adducci, Mary	120.00	130.00	10/1/45	Merit
Horvath, Rita	108.72	117.89	10/16/45	Length of Service
Batchelder, Muriel	150.00	165.00	11/16/45	Merit
Robinson, Rita	190.00	205.00	11/1/45	Merit
Raymond, Ruth	130.00	140.00	11/1/45	Length of Service
Sturtevant, Barbara	152.00	165.00	9/1/45	Reclass: Sr. Sec'y
Caldwell, Christine	150.00	160.00	10/1/45	End of trial period
Bennett, Ann	135.00	155.00	9/1/45	End of trial period
Rozon, Dorothy	115.00	135.00	9/1/45	Merit

Pers. 15b

To Dr. Terman, cc to Mr. Breed, Mr. Sutherland, Mr. Dix.

Revised 9/13/45

RRL salaried, full-time employees earning $200.00 per month and over, compiled 7/23/45

	Salary	Since
Terman, F. E.	916.67	7/1/44
Cullum, A. E.	800	11/1/43
Byrne, J. F.	~~725~~ 800	~~11/1/43~~ 7/1/45
Breed, N. P.	675	7/1/44
~~Elliott, H. F.~~	~~667~~	~~3/1/42~~
~~Alford, A.~~	~~666.67~~	~~6/28/43~~ PT. TIME
~~Curry, J. R.~~	~~645.83~~	~~7/1/43~~
Crawford, F. H.	625	7/5/43
~~Bloch, F.~~	~~620~~	~~12/14/43~~
Reich, H. J.	600	1/11/44
Dow, W. G.	583.33	2/16/43
Kuiper, G. P.	568.75	7/2/43
Cole, C. L.	562.50	8/1/44
Cahill, F. C.	550	6/19/44
~~Chase, J. P.~~	~~550~~	~~6/16/44~~
Hulstede, G.	550	7/1/44
Pettit, J. M.	550	2/15/45
Singleton, H. C.	550	2/11/44
Wilkins, A. O.	550	11/16/44
Yunker, E. A.	550	7/1/44
Dunleavey, F. S.	541.67	6/30/44
Zimmerman, J. C.	540	9/1/44
Dyer, J. N.	537.33 (↓CBS)	4/1/44
Scott, R. C.	525	9/20/43
Gager, F. M.	516.66	12/20/43
Christensen, A. G.	500	3/1/45
Gibson, F. M.	500	8/1/44
Kraus, J. D.	500	1/16/45
Overacker, H. E.	500	7/1/44
~~Peterson, D. A.~~	500	~~1/1/44~~
~~Plotts, E. L.~~	500	~~4/1/44~~
Foster, D. D.	485	8/7/43
Lubin, S.	480	2/1/45
~~Monroe, R. B.~~	480	~~8/16/44~~
~~Spangenberg, K. R.~~	480	~~11/11/44~~
Williams, C. P.	476.66	11/15/43
Buss, R. R.	475	2/1/44
Cobine, J. D.	475	7/1/45
Daniell, C. M.	475	1/1/45
~~Francis, E. L.~~	475	~~1/1/45~~

Compiled 7/23/45

	Salary	Since
Smith, E. C.	475	11/1/44
Sutherland, G. A.	475	1/1/45
Tamm, C. E.	475	9/1/44
Youngblood, J. F.	475	12/1/44
Moses, M. G.	470	2/1/45
Fubini, E.	461 (+$39 CBS)	12/1/44
Hok, G.	455	1/1/45
Barnes, R. B.	450	2/1/44
Bates, G.	450	9/1/44
Jackson, W. B.	450	7/16/45
O'Brien, R. S.	450	7/1/44
Parker, F. L.	450	7/16/45
Rambo, W. R.	450	1/1/45
Sutherlen, G. R.	450	2/1/45
Wylde, C. I.	450	2/1/45
Rowe, S. S.	437.50	11/16/44
~~Seantland, B. B.~~	~~435~~	~~2/16/45~~
Stephenson, J. G.	430	4/1/45
Bowditch, E. F.	425	7/16/45
Cooke, L. S.	425	1/1/44
Cowan, F. P.	425	7/1/44
Cushman, R. W.	425	3/15/44
Dorne, A.	~~425~~ 450	~~7/1/44~~ 7/1/45
~~Farley, W. W.~~	~~425~~	~~7/1/44~~
Currie, W. H.	420	10/1/44
Early, H. C.	420	1/1/45
Smith, G. M.	420	1/16/45
Turnbull, J. C.	420	1/1/44
~~White, W. D.~~	~~420~~	~~1/1/45~~
Moyer, R. C.	416.67	6/16/45
Athey, S. W.	415	3/1/45
Villard, O. G.	415	8/1/44
Christensen, J. W.	~~410~~ 450	3/16/44 (1/1/44) 8/20/45
Moran, J. M.	410	1/1/45
Schmitz, E. A.	410	3/16/44 (3/1/44)
Whipple, F. L.	402.50	3/16/44 (1/4/43)
Clark, J. L.	~~400~~ 420	~~7/1/44~~ 7/1/45
Holt, R. B.	400	7/1/44
LaRosee, R. L.	400	3/5/45
~~McGah, J. T.~~	~~400~~	~~1/1/45~~

	Salary	Since	
Marshall, J. R.	400	6/15/44	
Morley, H. B.	400	3/16/44	(1/1/44)
~~Perkins, E. M.~~	~~395~~	~~3/16/44~~	~~(1/1/44)~~
Goble, A. T.	391.66	5/1/45	
Gallagher, C. J.	390	1/1/45	
Lebenbaum, M. T.	390	10/1/44	
Rhiger, R. R.	390	2/1/45	
Rogers, R. C.	390	2/16/45	
Soderman, R. A.	390	1/1/45	
Taylor, D. W.	390	1/16/45	
Tyler, A. W.	390	4/16/44	
Hamermesh, M.	387.50	3/16/44	(2/1/44)
Sard, R.	387.50	3/16/44	(2/1/44)
Bradley, R. F.	385	4/16/45	
~~Clarke, L. L.~~	~~385~~	~~7/1/44~~	
Evans, G. E.	385	5/1/45	
~~Gundlach, H. F.~~	~~385~~	~~8/1/44~~	
Ohlsson, R. L.	385	10/1/44	
Gottlieb, M. B.	384	7/1/45	
Barrett, E.	380	10/1/44	
Dix, W. S.	380	11/1/44	
MacKillop, H.	380	9/16/44	
Nile, A. H.	380	9/16/44	
Barnes, F. R.	~~375~~ 395	~~8/1/44~~	8/1/45
Barron, A. J.	375	1/1/45	
Gerson, H. I.	375	6/1/45	
Gill, J. A.	375	7/1/44	
Gillespie, J. W.	375	7/1/45	
Gratrix, H. A.	375	2/1/45	
Locke, A. E.	375	1/16/45	
~~MacQuivey, D. R.~~	~~375~~	~~2/1/45~~	
Shuler, E. W.	375	8/1/44	
Barkofsky, E. C.	~~370~~ 395	~~8/1/44~~	8/1/45
Howe, S. D.	370	7/1/45	
Turner, A. T.	~~370~~ 385	~~7/1/44~~	7/1/45
Tuck, L. D.	367.50	3/16/44	(4/28/43)
~~Belles, H. W.~~	~~366.67~~	~~7/21/44~~	
Goodwin, A. B.	365	10/16/44	
Avery, R.	360	10/1/44	
Bock, E. L.	360	7/1/45	

	Salary	Since
Clark, H. K.	360	8/1/44
Crispell, H. L.	360	6/1/45
~~Deakins, G. E.~~	360	~~6/1/44~~
Eldredge, J. H.	360	1/1/45
Hadley, C. F.	360	8/21/44
Neuberger, G. F.	360	7/15/44
Oliphant, C. W.	360	7/1/44
Pendergrast, C. F.	360	7/1/44
Waechter, P. M.	360	2/16/45
Bradt, H. G.	355	10/1/44
Cutter, W. G.	355	9/1/44
Hagen, G. D.	355	2/1/45
Huggins, W. H.	355	4/16/45
~~Welch, E. S.~~	355	~~8/1/44~~
Wilson, V. P.	355	10/1/44
Keuffel, J. W.	352.50	4/1/45
McGillicuddy, J. B.	350	9/1/44
Parker, G. W.	350	5/1/45
Stoddard, C. N.	350	11/16/44
Taft, F. W.	350	3/1/45
Whitby, O. W.	350	12/1/44
~~Wittkopf, J. J.~~	350	6/16/45
McCouch, G. P.	347	4/1/45
Holland, G. E.	345	3/1/45
Wolford, C. E.	345	4/1/45
Hussey, F. L.	344	7/1/44
Vallas, C. L.	341.67	10/16/44
Reynolds, D. K.	341	4/1/45
Jones, E. V.	340	5/1/45
Norton, R. S.	340	3/16/44 (1/1/44)
Wilhoit, D. I.	340	5/16/45
Zeidler, H. M.	340	7/16/45
~~Gray, C.~~	~~338~~ 360	~~8/1/44~~ 8/1/45
Woodruff, J. H.	337	2/1/45
Adams, F. P.	335	7/16/45
~~Brown, C. H.~~	335	7/1/45
Eames, A. M.	335	7/1/44
Hoglund, R. H.	335	7/1/45
Sturges, D. R.	335	7/16/45
Scheuch, D. R.	~~333.50~~ 355	~~8/1/44~~ 8/1/45

Compiled 7/23/45

	Salary	Since
Nichols, F. W.	333.33	2/16/45
Glynn, F. S.	333	8/1/44
Davis, K. A.	330	1/16/45
~~Gage, W. M.~~	~~330~~	~~3/16/44~~ (8/2/43)
Johnson, E. G.	330	7/1/45
Lee, C. F.	330	1/1/45
Lord, W. W.	330	10/1/44
McGuigan, W. D.	330	10/16/44
O'Neill, H. T., Jr.	330	4/1/45
Towle, M. L.	330	7/16/44
Vermillion, R. K.	330	10/1/44
Wadey, W. G.	330	3/16/44 (2/1/44)
Keck, A.	328	8/1/44
Bruns, R. A.	325	10/16/44
Dion, A. O.	325	2/1/45
~~Dowell, M. R.~~	~~325~~	~~5/1/45~~
~~Hammett, R. L.~~	~~325~~	~~2/1/45~~
~~Horton, H. M., Jr.~~	~~325~~	~~8/16/44~~
Klemm, G. H.	325	2/1/45
Moore, T. E.	325	7/1/44
Norton, R. A.	325	5/1/44
Otis, C. F.	325	8/1/44
Rosenberg, H.	325	5/1/45
Smith, N. L.	~~325~~ 350	~~8/29/44~~ 8/1/45
~~Vitagliano, A. H.~~	~~325~~	~~6/16/45~~
Wrobleski, W. D.	325	7/31/44
Noe, J. D.	322.50	2/1/45
Artman, R. G.	320	6/1/45
Brown, P. M.	320	7/1/45
Brush, M. R.	320	3/16/45
Bunten, A. B.	320	7/16/45
Clark, C. B.	320	6/1/45
Cohn, S. B.	320	1/1/45
Jones, N. E.	320	10/16/44
Kaisel, S. F.	320	2/1/45
Weinstock, R.	320	10/16/44
Powers, E. P.	319	3/16/44 (4/1/43)
Googins, W. L.	317.50	4/1/44
~~Ashus, A.~~	~~316.50~~	~~7/16/44~~
Fogg, E. W.	316	3/20/44

SERIES I
Folder: 11

Personnel; General Folder
1943-45

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May 13, 1943

DIVISION 15

SCIENTIFIC PERSONNEL AT RADIO RESEARCH LABORATORY

Percent Full time	76-100	51-75	26-50	Less than 26%
(a) Senior Scientific Personnel	21	1	1	
(b) Scientific Personnel	33			
(c) Junior Scientific Personnel	63			
	117	1	1	

16 consultants are not included in the above figures becuase their time devoted to our Laboratory is very irregular, and we felt that this would also lead to trouble because of their assignment regularly at other laboratories.

Under Senior Personnel, the two individuals spending less than 75% of their time with us are Dr. Goldmark (60% at Radio Research Laboratory; 40% at C.B.S.) and Robert Serrell (50% at Radio Research Laboratory; 50% at C.B.S.)

Under Scientific Personnel, Mr. John N. Dyer spends approximately 80% at Radio Research Laboratory and 20% at C.B.S.

Included in the above figures are five individuals who do not actually hold college degrees but have had a considerable amount of research experience, and consequently are performing work of a nature equivalent to the men in whose classification they have been placed. (Allowance has been made in their experience to compensate for the time normally devoted to academic work.)

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mh

Radiation 31
36
32.

COPY

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EXTRACT FROM DEAN EDWARD L. MORELAND'S LETTER

3. Data showing the scientific personnel now engaged in the work of the Division.....Only scientific and engineering personnel engaged in research and development are to be considered; personnel engaged in production of equipment in manufacturing organizations are excluded. Technicians and non-scientific personnel are also excluded. The included personnel should be classified as:

a) Senior Scientific Personnel. -- This is represented, in general, by: PHD with 10 years or more experience; MS with 12 years or more experience in research or engineering development; BS or AB with 14 years or more experience in research or engineering development.

b) Scientific Personnel. -- This is represented, in general, by : PHD with less than 10 years experience; MS with 5 to 11 years experience in research or engineering development; BS or AB with 7 to 13 years experience in research or engineering development.

c) Junior Scientific Personnel. -- This is represented, in general, by: MS with less than 5 years experience; BS or AB with less than 7 years experience.

For each of the three classes of personnel the data should show the number engaged on NDRC projects:

i) 76 to 100 percent of full time
ii) 51 to 75 percent of full time
iii) 26 to 50 percent of full time
iv) Less than 26 percent of full time

Copied at RRL 5/17/43
mh

Senior Scientific Personnel

Chinn, Howard A.
Collins, J. Raymond
Cushman, Robert W.
Dow, William G.
Elliott, Harold F.
Flynn, Roy M.
Fubini, Eugene
Fulkerson, Carol
Goldmark, Peter C.
Hickman, Roger W.
Hulstede, George E.
Leet, L. Don
Livingood, John J.
Malles, Ralph E.
Overacker, Horace E.
Plotts, Ellery L.
Salisbury, Winfield W.
Serrell, Robert
Slocum, Lois T.
Terman, Frederick E.
Van Vleck, J. H.
Whipple, Fred L.
Woods, John P.

Scientific Personnel

Barnes, Robert B.
Brill, Edmund R.
Buss, Robert R.
Byrne, John F.
Caraway, John B.
Cobine, James D.
Cowan, Frederick P.
Cullum, A. Earl
Daniell, C. Milton
Dyer, John N.
Dzwonczyk, V. Larry
Farley, William W.
Gallagher, Charles J.
Gundlach, Howard F.
Kriegel, H. Charles
Monroe, Robert
Moyer, Robert C.
Pan, Wen-Yuan
Peterson, Darwin A.
Pollock, Herbert C.
Raymond, Richard
Record, Frank A.
Reedy, Paul H.
Ross, Cecil C.
Sard, Robert C.
Shuler, Ellis W.
Silliman, Robert M.

Junior Scientific Personnel

Bark, Andrew
Barnes, F. R.
Barrett, Elton
Cahill, Francis C.
Caufield, Wallace B.
Christensen, John W.
Clark, Charles B.
Cohn, Seymour B.
Crispell, Harold S.
Deakins, Glenn E.
Dorne, Arthur
Duggan, Joseph R.
Dupree, Eleanor
Eldredge, James H.
Granger, John V.
Gray, Christopher
Hart, William L.
Hatch, Richard M.
Hoglund, Ralph H.
Holt, Roland B.
Johnson, Richard E.
Kaisel, Stanley F.
Kamphoefner, Fred J.
Kees, Harvey
Kell, Robert
Klemm, George H.
Lapidas, Manuel

Senior Scientific Personnel	Scientific Personnel	Junior Scientific Personnel
	Sinclair, Donald B.	Lebenbaum, Matthew T.
	Stubbins, Hugh A.	Loomis, Charles C.
	Sutherlen, George R.	Lusted, Lee B.
	Taylor, Donald W.	MacQuivey, Don R.
	Tuck, L. Dallas	McCouch, Gordon P.
	Turnbull, John C.	Middleton, David
	Yunker, Edwin A.	Moran, James M
		Morehouse, Gerald D.
		O'Brien, Richard S.
		Ohlsson, Robert L.
		Oliphant, Charles W.
		Otis, Charles F.
		Pearson, Paul A.
		Pease, Marshall C.
		Pettit, Joseph M.
		Raburn, Louis E.
		Rambo, William R.
		Reynolds, Don K.
		Rhiger, Richard R.
		Scheuch, Don Ralph
		Shaw, T. Mott
		Soderman, Robert A.
		Steigerwalt, Oliver I.
		Steinberg, Maurice
		Stephenson, J. Gregg
		Sutro, Peter J.

Senior Scientific Personnel

Scientific Personnel

Junior Scientific Personnel

Villard, Oswald J.

Wedel, John J.

Welch, E. Sohier

Whitby, Oliver W.

White, Warren D.

White, Mary Joan

Woodruff, John H.

Wylde, Cecil I.

Yakutis, Anthony J.

WTH : mh

January 7, 1943

RADIO RESEARCH LABORATORY

Report on Special Research Associates

Active in Research	66	
Administrative and other than Research	21	
Consultants*	4	
TOTAL 1/7/43		91

* Chu, Lan-Jen
Gaither, H. R.
Peterson, A.P.G.
Van Vleck, J.H.

Service Representatives		
Navy	6	
Army	5	
		11

Future Research Associates

Definite acceptances to date 17 + 1 Taylor & Cobine

Offered positions, but not accepted to date 13

WTH:ja
Cc to RWH

January 7, 1943

Special Research Associates
Administrative and Other than Research

F. R. Barnes
N. P. Breed
Edwin D. Brooks
Howard A. Chinn
Harold Christensen
Clarence L.Cole
Robert W. Cushman
Harold F. Elliott
George M. Flanagan
Christopher Gray
Wesley T. Harrison
Roger W. Hickman
L. Don Leet
D. R. MacQuivey
Ralph E. Malles
Robert B. Monroe
Robert D. Sard
T. Mott Shaw
Hugh A. Stubbins
G. R. Sutherlen
F. E. Terman

Director's Office	- 2
Business Office	- 3
Liaison Office	- 1
Personnel Office	- 1
Planning	- 2
Tech. Coordinator	- 2
Document Room	- 1
Airport	- 1
Photographer	- 1
Mech. Design	- 7
	21

WTH:ja

January 7, 1943

Special Research Associates
Active in Research

Andrew Bark
Elton Barrett
R. B. Barnes
E. R. Brill
J. F. Byrne
F. C. Cahill
W. B. Caufield
J. W. Christensen
C. B. Clark
Seymour B. Cohn
H. L. Crispell
A. E. Cullum
C. Milton Daniell
J. R. Duggan
E. G. Dupree
J. N. Dyer
J. Eldredge
W. W. Farley
P. C. Goldmark
J. V.N. Granger
R. H. Hoglund
R. B. Holt
A. M. Hughes
G. Hulstede
Harvey Kees
G. H. Klemm
H. C. Kriegel
M. T. Lebenbaum
W. Leonchick
J. J. Livingood
G. P. McCouch
David Middleton
A. P. Montgomery
G. D. Morehouse
R. C. Moyer
C. W. Oliphant
C. F. Otis
H. E. Overacker
D. A. Peterson
J. M. Pettit
R. J. Pierce
E. L. Plotts
L. E. Raburn
W. R. Rambo
R. C. Raymond
F. A. Record
P. H. Reedy
D. K. Reynolds
W. W. Salisbury
Robert Serrell
E. W. Shuler
R. M. Silliman
D. B. Sinclair
R. A. Soderman
M. Steinberg
J. G. Stephenson
P. J. Sutro
O. G. Villard
W. D. White
J. H. Woodruff
J. P. Woods
E. A. Yunker
P. A. Pearson
C. J. Gallagher
F. L. Whipple
Eugene Fubini

WTH:je.

Foreign Service

Radio Research Laboratory Personnel

Total number in Laboratory		247
Research Associates	38	
Ph.D.'s	14	
(see attached list)		
Master's Degrees	22	
Machinists		36
Machinists, Apprentice course (Women)		7
Draftsmen		13
Technicians		20

November 16, 1942

Foreign Service

Research Associates with Doctor's Degrees

(Edmund Rogers Brill)
(Lan-Jen Chu)
~~Edward M. Fryer (Degree pending)~~
~~Horace Rowan Gaither~~
✓ Peter Carl Goldmark
✓ Roger W. Hickman
✓ Lewis Don Leet
✓ John J. Livingood
Horace Emerson Overacker
Joseph Mayo Pettit
✓ Richard C. Raymond
✓ Robert Sard
(Donald Bellamy Sinclair)
F. E. Terman
✓ John Price Woods
✓ Edwin Arthur Yunker

8 Physics-
3 Engr.

March or July 1942.

Proposed Distribution of Employees.
(Average of 0 persons)

Research associates	100
Machinists	30
Technicians	30
Drafting (& design), (not civil proj.)	15
Secretaries	10

Foreign Service

Ltr. Terman

F O R E I G N M I S S I O N S

Radio Research Laboratory

Harvard University

September 26, 1945

RESEARCH ASSOCIATES

~~7510 Black, J. R.~~	S	A	A-3700 - would like to take it over; several months to its completion	2-3 mo.	No time limit	No pref.
Gottlieb, M. B.	S	A	A-3700 high-power mag. jammer; request for unit for Services just coming through; completion requires several months; would like to go with unit.	2-3 mo.	No time limit	T.O. pref. European or Pacific OK
TBL ~~Granger, J. V.N.~~	S	C	C-2000 - auto search; finished. Prefers TRE to ABL.	Immediately	No time limit	European theatre
Griffin, S. J.	S	D	Tuner unit to replace D-103 - finish soon; Butterfly.	Approx. 2 mo.	No time limit	Prefers other than England
Selective interest 7-25 *Harbury, P. L.	S	M	Antenna problem - quite new. Probably finished 4-6 wks.	4-6 weeks	No time limit	European theatre
ABL ~~Henkel, R. L.~~	S	Q	Cavity oscillators	Immediately	No time limit	No. pref. Wants to be near front.
~~[illegible]~~	S	Q	Frequency mod. investigation with Rambo; no particular deadline.	Immediately	3-6 mo.	England pref.
~~[illegible]~~	S	M		Two weeks	6 mo.	No pref.
~~[illegible]~~	S	F	Meggy transmitter F-3300; Navy version & consultants to GE who will make prototypes.	January	No time limit	No. pref.
~~[illegible]~~	S	B	Modification of mandrel; Jamming equipment of higher power - not active; awaiting tubes		3-6 mo.	Pac. or Italy or other
~~Stephenson, J. G.~~	S	Q	Long range project; can be	Feb. 15	3-5 mo.	No. pref.

*Dutch passport; has 1st papers USA
**Speaks & writes Italian

[illegible] interest Aug 1/44
[illegible] interest 10/31/44 — year is OK —

Postpone SW — ~~Barnes~~ ~~Wood~~ ~~Bucas~~ ~~Tuttle~~ Soderman Overacker Koch ~~Olifant~~ Mayberry

REMINDER:

Louis Raburn wants his name on the "Pacific" list.

				1 wk. notice	Duration	England only
TECHNICIANS						
Brogna, E. M.	M/2	A		January 15	6-12 mo.	Mediterranean
Ellis, A. R.	S	M		January 1	No pref.	No pref.
Loebel, L.	S	F	F-3300 & 3400	Immediately	Duration	No pref.
~~Morgan, A. N.~~ SWPA	S	M		Immediately	No pref.	No pref. but wants close contact with planes.
Smith, W. F.	S	Q	Drawing designs for oscillators; other short jobs.	Immediately	Duration	Pacific or England
Stucke, A. F.	S	A			12 mo.	ABL, or Pacific
DRAFTING & DESIGN						
Bradt, H. G.	M/2	Dftg.	Drafting room now; has cleaned up work with Group D.		12 mo.	No pref.
* DeFeo, A. A.	M	Dftg.	Drafting Room - design (window)		12 mo.	Mediterranean
** Pureka, T. T.	M/2	Dftg.		May or June	No pref.	No pref.
ABL ~~Shaw, Robert~~	S	Dftg.				

* Speaks Italian **Speaks Greek, Italian; some Rumanian

SHOP					
Fruzzetti, A.E.	M/5	Shop	Foster's job	12 mo.	
Gray, R.J.	M/5	Shop	" (with Fruzzetti)	12 mo.	

(Kolstad - to Dec 10th)
Shuecky
Miss Driscoll is interested in England 7-18-44.
Kamphoeffner - 8-19-44 approved desire
Kees - 8-28-44 " "
9-13-44 - OFS a possibility the 6 mos preferred
OFS a possibility " " " "

Brakeman 9-1-44
Harman, A. R. S
quit entirely 7-11-44

Kell, R. E. Y

ABL? ~~Kaisel, S. F.~~ S

ABL

14
+ABL
+Tuck
+Hunter
+Cullum

Stivers
Moran
Sand
Mahaffey
Reynolds
Kassel
Monroe
Phipps
Wellbank
Burr
Colvin
Forster
Beamer
Fowler

Dec. 1

o pref. No pref.

mo. No pref.

mo. S. Pacific

f. England
(Would like to
be with Bark)
Other than
BL

Europe

gland

ref.

ic
and OK)
No pref.

ately No pref. No pref.

ect, but other theater OK :- Time length -
makes no difference.

No. Driscoll, Clare

Brockman 9-1-44

Harman, A. R.	S	Y	course at Austin Hall; in Group M very short time Search receiver - Moth	Immediately (but prefers 6 mo.)	No pref.	No pref.
Kell, R. E.	S	L	Training on Systems	February	6 mo.	No pref.
~~Kaisel, S. F.~~	S	E	Field work now (Bur. of Aero. film in jamming, etc), but not now tied up on any project. When tied up, usually short jobs.	Immediately	6-12 mo.	S. Pacific
~~Lusted, L. B.~~	M	F		Immediately	No. pref.	England (Would like to be with Bark)
Overacker, H.E.	M (family in Calif.)	D		1-2 mo.	6 mo.	Other than ABL
~~Peakin~~			~~still interested in fot. 7/17~~			
Petrich, R. O.	S	D	Pulse Repeaters (Moonshine)	2 mo.	No pref.	Europe
Richards, P. I.	S	R	Finishing project	Immediately	No pref.	England
Wholey, W. B. (Canadian)	S	U	Work fairly complete	Immediately	6-12 mo.	No pref.
RADIO TECHNICIANS						
Hawes, A. R.	S	A		Immediately	1 yr.	Pacific (England OK)
~~Foster, J. S.~~	S	R	Micro-wave mixer; 4 mo. to finish	4 mo.	No pref.	No pref.
MACHINIST						
Tracy, C.W.	M/2	Shop	(here only 1 week)	Immediately	No pref.	No pref.

Gottlieb - 7-14-44 Primarily Pacific interest, but other theater OK:- Time length - makes us different.

Dec. 16, 1943

Ltr. Terman

F O R E I G N M I S S I O N S

Radio Research Laboratory

Harvard University

September 26, 1945

T U B A

PETTICOAT

SPECIAL ASSIGNMENTS

Name	Dates	Project	Theatre	Army Command
Salisbury, W. W.	2/13/44-7/21/44	Tuba	ETO	RAF
	1/ 3/45-3/20/45	"	"	"

Sent to England to direct the erection and testing of the Tuba unit on the site, and to train Royal Air Force personnel in its operation and use.

******

Dow, William G.	11/8/44-1/31/45	Tuba	ETO	RAF

Sent to England to direct the erection and testing of the Tuba unit on the site, and to train Royal Air Force personnel in its operation and use.

******

Livingood, John J.	2/13/44-7/14/44	Tuba	ETO	RAF
Welch, E. Sohier	2/19/44-7/14/44	"	"	"
Welch, Homer W.	2/19/44-7/14/44	"	"	"
Powers, Edward P.	2/26/44-7/14/44	"	"	"
Parker, George W.	2/26/44-7/14/44	"	"	"
Bailey, Frederick J.	2/26/44-7/14/44	"	"	"
" " "	12/18/44-4/28/45	"	"	"
McNees, Sterling G.	2/26/44-7/24/44	"	"	"
" " "	12/22/44-3/16/44	"	"	"
O'Neill, Harry T.	2/26/44-7/14/44	"	"	"
Shuler, Ellis W.	2/19/44-7/14/44	"	"	"
Black, James R.	6/5/44-7/27/44	"	"	"
" " "	12/18/44- (transferred to ABL 3/16/45)	"	"	"

Sent to England to assist in the erection and testing of the Tuba unit on the site, and to train Royal Air Force personnel in its operation and use.

******

Barrett, Elton T.	5/6/44-6/14/44	Petticoat	ETO	Royal	Navy
Berggren, Edvin J.	5/6/44-6/15/44	"	"	"	"
Peterson, D. A.	5/12/44-6/16/44	"	"	"	"
Collins, J. R.	5/12/44-6/16/44	"	"	"	"
Morehouse, Gerald D.	5/12/44-6/15/44	"	"	"	"
Bark, Andrew	5/ 9/44-6/16/44	"	"	"	"
Raburn, Louis E.	5/ 6/44-7/ 3/44	"	"	"	"

Name	Dates	Project	Theatre	Army Command
Robbiano, P. Paul	5/7/44-6/15/44	Petticoat	ETO	Royal Navy
Clark, James L.	5/6/44-6/14/44	"	"	" "
Cullum, A. Earl	5/12/44-6/12/44	"	"	" "
Loebel, Lewald	5/6/44 -7/ 3/44	"	"	" "
Lusted, Lee B.	5/6/44 (transferred to ABL 6/18/44)	"	"	" "
Wilson, Burton J.	5/6/44-6/15/44	"	"	" "
Caufield, Wallace B.	5/7/44 (transferred to ABL 6/1/44)	"	"	" "

Sent to England to assist in the installation of RCM equipment on ships of the Royal Navy for use in the Normandy invasion.

******

Zeidler, Howard M. 12/13/43-7/10/44 T.O. Mediterranean Hdq.MAAF

Went to Mediterranean Theatre of Operations to assist the United States Army Forces in installing and planning operation of radar jamming equipment to be used in the invasion of Southern France.

******

Whitby, Oliver W. 12/20/43-7/11/44 T.O. SW Pacific GHQ SWPA

Went to the Southwest Pacific Area with two aircraft fitted with countermeasures equipment and assisted the United States Air Forces in operation, planning of missions, and interpretation of results of approximately 40 search flights of these two Ferrett air craft.

******

MacQuivey, Donald R. 4/5/44-10/9/44 T.O. Far East Hdq. 20th Bomber Command

Went to the China-Burma-India Theatre with the first B-29 aircraft and assisted the Air Forces in the operation of the radar countermeasures equipment aboard these aircraft, and assisted the 14th Air Force in starting a Ferrett program.

******

Pettit, Joseph M. 4/13/44-8/28/44 T.O. CBI Hdq. 20th Bomber Command

Was the leader of the RCM group that went to India with the first B-29 in the Pacific, and was Chief Civilian Consultant to the 20th Air Force in its initial RCM programs.

Name	Dates	Capacity	Theatre	Army Command
Raymond, Richard C.	July-Nov. 1943	T.O.	Mediterranean	Hdq. NAAF
	Mch.-Aug. 1944	T.O.	"	Hdq. MAAF

Was assigned for two six-month terms as Senior RCM Consultant to the Mediterranean Allied Air Forces and assisted the Air Forces in planning the use of countermeasures equipment in that theatre.

******

Caufield, Wallace B.	10/22/43-4/7/44	T.O.	Mediterranean	Hdq. NAAF

Served as Senior RCM Consultant to the Mediterranean Allied Air Forces and assisted the Air Forces in planning the use of countermeasures equipment in that theatre.

******

Cahill, F. Clark	12/21/43-3/14/44	T.O.	SW Pacific	GHQ-SWPA

Was assigned to the Southwest Pacific area to assist the Air Forces in planning the initial operations of the first two Ferrett aircraft in that theatre, interpreting the results of Ferrett missions, and to recommend a future RCM operation to the Air Forces in the area.

******

Fubini, Eugene	12/13/43-7/8/44	T.O.	Mediterranean	Hdq. MAAF

Went to the Mediterranean Theatre of Operations as RCM Consultant and assisted the United States Army in installing radar countermeasures equipment to be used in the invasion of Southern France.

******

Monroe, Robert B.	9/9/44-3/10/45	T.O.	CBI	Hdq.XX Bomber Command

Assigned to the Headquarters 20th Bomber Command to assist that Command in the operation and interpretation of its RCM programs.

******

Wittkopf, John J.	9/9/44-3/10/45	T.O.	CBI	Hdq. XX Bomber Command

Assigned to the Headquarters 20th Bomber Command to assist that Command in the operation and interpretation of its RCM programs.

Name	Dates	Capacity	Theatre	Army Command
Barnes, Robert B.	3/28/44-11/7/44	T.O.	Mediterranean	Hdq. MAAF

Went to the Mediterranean Theatre of Operations as Senior RCM Consultant to the 15th Air Force, and assisted in planning the countermeasures program of that Air Force and in evaluating the results from countermeasures operations.

******

Foster, John S.	4/24/44-3/1/45	T.O.	Mediterranean	15 Air Force

Went to the Mediterranean Theatre of Operations and was assigned to the 15th Air Force as Technical Expert on RCM equipment, installations and training.

******

Cohn, Seymour B.	4/3/44-11/10/44	T.O.	Mediterranean	Hdq. MAAF

Was assigned to Headquarters MAAF as Technical Expert on RCM equipments and contributed to the anti-jamming performance of radar in that area.

******

Moran, James M.	4/24/44-12/14/44	T.O.	SW Pacific	GHQ SWPA

Was assigned to the SW Pacific area to assist the Air Forces in the operational planning of Ferrett aircraft, the interpretation of results of Ferrett flights, and was consultant to that headquarters on RCM problems.

******

Deakins, Glenn E.	9/6/44-4/30/45	T.O.	SW Pacific	GHQ SWPA

Was assigned to the SW Pacific area to assist the Air Forces in installation of RCM equipment in operational aircraft.

******

Buss, Robert R.	10/9/44-5/16/45	T.O.	Mediterranean	Hdq. MAAF

Was assigned to the First Operational Analysis Section of the 15th Air Force as senior RCM consultant in the Mediterranean Theatre, and was responsible for recommending RCM programs and for interpreting the results of RCM operations in the 15th Air Force.

******

Sard, Robert D.	9/25/44-5/17/45	Scien.Con.	SW Pacific	GHQ-SWPA

Was Senior Scientific Consultant on RCM for the SW Pacific area and assisted in the planning of RCM operations and installations in the Air Forces in that theatre.

	Dates	Capacity	Theatre	Army Command
o, Peter J.	3/24/45-8/25/45	Scien.Con.	SW Pacific	GHQ-SWPA

Was assigned to the Southwest Pacific area as Senior RCM Scientific Consultant and assisted the Army in that theatre in planning of RCM operations and interpretation of results.

******

el, Stanley F.	11/11/44-8/6/45	T.O.	Central Pacific	21st Bomber Com. of 20th Air Force

Was assigned to the 21st Bomber Command to serve as RCM Consultant and to assist in the formulation and carrying out of a RCM program for that Command.

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euch, Don R.	2/1/45-9/15/45	T.O.	Central Pacific	20th Air Force

Was assigned as RCM Consultant to the Air Forces in the China-Burma-India Theatre and at the conclusion of activities there was transferred to the 20th Air Force on Guam to act as Consultant on RCM installations and operations.

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ttlieb, Melvin B.	7/27/45-8/31/45	Scien.Con.	Central Pacific	Hdq. AAFPOA

Was assigned as Scientific Consultant to Headquarters AAFPOA, Countermeasures Air Analysis Center, to assist in the evaluation of intelligence information concerning Japanese electronics.

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tueke, Alden F.	10/17/44-8/11/45	Scien.Con.	SW Pacific,	GHQ-SWPA

Was assigned as technical expert on RCM equipment and assisted the Air Forces in installing such equipment in operational aircraft.

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arman, Arnold R.	10/7/44-Sept.1945	Scien.Con.	SW Pacific	GHQ-SWPA

Was assigned as technical expert on RCM equipment and assisted the Air Forces in installing such equipment in operational aircraft.

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Yakutis, Anthony J.	1/3/45-8/31/45	Scien.Con.	SW Pacific	GHQ-SWPA

Was assigned as technical expert on RCM equipment and assisted the Air Forces in installing such equipment in operational aircraft.

Name	Dates	Capacity	Theatre	Army Command
Vidro, Edward F.	12/5/44-9/14/45	Scien.Con.	SW Pacific	CINC-SWPA

Was assigned as technical expert on RCM equipment and assisted the Air Forces in installing such equipment in operational aircraft.

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Crispell, Harold L.	7/17/43-2/1/44	TRE (prior to being transferred to AEL)		

Assigned to assist a British RCM development laboratory (TRE) in the development of countermeasures equipment for British use, and to familiarize himself with British RCM techniques to benefit United States RCM development.

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McCouch, Gordon P.	9/17/43-10/1/43	TRE (prior to being transferred to AEL)		

Assigned to assist a British RCM development laboratory (TRE) in the development of countermeasures equipment for British use, and to familiarize himself with British RCM techniques to benefit United States RCM development.

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Reynolds, Donald K.	Nov. 1942-July 1943	TRE (prior to being transferred to AEL)		

Assigned to assist a British RCM development laboratory (TRE) in the development of countermeasures equipment for British use, and to familiarize himself with British RCM techniques to benefit United States RCM development.

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Elliott, Harold F.	Oct.1943-Oct.1943		ETO	

Undertook a mission to familiarize the British with the most recent techniques and developments of Window dispensing methods in the United States.

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Sinclair, Donald B.	4/13/43-7/20/43	T.O.	Algiers	Hdq. NAAF

Went to the Mediterranean Theatre of Operations as Scientific Consultant on RCM with the first Ferrett aircraft to see operational use in this war, and assisted the Air Forces in planning the operations of this aircraft and in interpreting results of its flights. He recommended to the Air Forces a future RCM program for that theatre.

Oliphant, Charles W.	7/20/43-10/15/43	T.O.	Alaska	Alaskan Defense Command

Assigned to the First Signal Service Platoon Special as RCM Consultant in the Aleutian Islands during the invasion of Kiska.

Name	Dates	Capacity	Theatre	Army Command
White, Warren D.	Aug.-Sept. 1944	T.O.	Aleutians	

Went to the Aleutians to solve operational difficulties being encountered in the use of the Rug transmitters, and to help prepare our RCM gear for the Kiska invasion.

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Breed, N. Preston	8/24/43-9/19/43	ABL	ETO	

"Advance Party" to establish laboratory in Malvern, England. Job was financial - arrangements, housing, feeding, and other business matters.

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Whipple, Fred L.	1/22/44-4/7/44	Window	ETO	Army Air Force
	4/27/44-6/29/44	"	ETO-MTO	" " "

Acted as consultant to the United States Army Air Forces in both the MTO and the ETO on the use of Window as a counter-measure against the German radar-controlled fighter and anti-aircraft artillery defenses.

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Taylor, Donald W.	5/23/44-9/3/44	Window	ETO	Army Air Force

Served as consultant to the 8th and 9th Air Forces and to USSTAF on the use of Window as a counter-measure against the German radar-controlled fighter and anti-aircraft defenses. He also worked with the representatives of SHAEF and ETOUSA Ordnance in the development of Chaff-dispensing mortar shells for use with ground radar in facilitating front-line identification.

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Kuiper, Gerard P.	8/16/44-12/21/44	Window	ETO	Army Air Force
	2/16/45-Oct. 1945	"	ETO	" " "

Served as consultant to the 8th and 9th Air Forces and to USSTAF on the use of Window as a counter-measure against the German radar-controlled fighter and anti-aircraft defenses. On his second trip he was also attached to ALSOS and in this connection did a considerable amount of investigational work on the status of a number of German developments in the general field of physics, including investigation of the German work on atomic bomb.

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Oliphant, Charles W.	7/20/43-10/15/43	T.O.	Alaska	Alaskan Defense Command

Assigned to the First Signal Service Platoon Special as RCM Consultant in the Aleutian Islands during the invasion of Kiska.

Name	Dates	Capacity	Theatre	Army Command
Oliphant, Charles W.	1/11/45-7/9/45	Scien.Con.	Central Pacific	HUSAFPOA AAFPOA

Assigned to the Operational Research Section G-3 HUSAFPOA as a Scientific Consultant for Army, Navy and Air Force on RCM installation and training problems in the Hawaiian area. Later assigned to Director of Communications AAFPOA Headquarters as consultant on intelligence and operational problems on Guam.

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Farley, W. W.	9/16/44-11/27/44	Scien.Con.	Pearl Harbor	HUSAFPOA

Assigned to the Operational Research Section G3 HUSAFPOA as a Scientific Consultant for Army, Navy and Air Force on RCM installation and training problems in the Hawaiian area.

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Dyer, John N.	1/1/43-Apr.1943	OSRD	ETO

Went to England as special representative of OSRD, primarily to visit English Laboratory (TRE) to determine specifications for building Carpet Sweepers. Also looked into the whole British RCM program, and brought back British characteristics of specifications agreed upon for building Carpet Sweepers.

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Cullum, Albert E.	9/23/44-11/7/44	ETO	Representative of War Department

The trip was requested by Dr. Edward L. Bowles, Expert Consultant to the Secretary of War. Went as a representative of the Office of the Secretary of War after a request was received by General Spaatz for the Services. While in England he was attached to the Advisory Specialist Group on Spaatz's staff. Although his headquarters were at USSTAF, he spent considerable time with the Bomber Commands, as the mission of the trip had to do with supply, installation, and maintenance of electronic jamming equipment on United States heavy bombers of the 8th and 15th Air Forces, operating against Germany. As a result of this trip, installations began on a large scale by the first part of October and were substantially completed by December, 1944.

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AMERICAN BRITISH LABORATORY

OVERSEAS LIST

Name	Dates	Project	Theatre
Arnold, Horace L.	8/30/43 - 6/30/44	ABL	ETO

Business Manager

Chase, John P. 6/21/44 - 6/22/45 ABL ETO

Associate Technical Director. Took care of the administrative details of the Advance Service Base.

Clarke, Lawrence L. 11/17/43 - (term. 8/22/45) ABL ETO

Was Assistant Business Manager, in charge of the London office of ABL.

Francis, Edward L. 5/11/44 - 7/9/45 ABL ETO

Business Manager, succeeding Mr. Arnold

MacKillop, Harvey 9/19/43 - 7/9/45 ABL ETO

Accountant, in charge of accounting, stockroom, etc.

Mercer, George L. 2/1/44 - (term. June 1, 1944) ABL ETO

Assistant to Mr. Clarke in London.

Adams, Milton B. 2/1/44 - 7/12/45 ABL ETO

Was at first Assistant Group Leader of the Transmitter Group, later became Group Leader (4/45).

Avery, Roger E. 5/7/44 - 6/12/45 ABL ETO

In the Transmitter Group. He was in the MTO with the 15th AF from 8/44 - 6/45.

Bark, Andrew 8/ /43 - 1/15/44 ABL ETO
~~5/7/44 - 6/12/44~~ ~~ABL~~ ~~ETO~~

First went over assigned to TRE, one of the original group that was sent over from RRL. Joined the Laboratory when it was set up over there, and worked in the Receiver Group on the development of an antenna "boozer."

	Theatre
	ETO
	ETO
t, he was in the s put in charge rdinter of 1944.	ETO
	ETO
	ETO
on April 1, 1944.	ETO
	ETO
th AF. (Went over .)	ETO
	ETO

Fubini, Eugene — 8/26/44 - 4/19/45

First in the MTO as Technical Observer on a "beaver" project. After returning to the United States and then to England, he was assigned to the 8th AF first to the Operational Analysis Section to handle RCM.

as Tech

RADIO RESEARCH LABORATORY

HARVARD UNIVERSITY

MEMO TO: Mr. Breed, Dr. Terman

FROM: Gordon Sutherland DATE: January 10, 1945

SUBJECT:

A question is sometimes raised as to which men were recommended for deferment by Massachusetts State Headquarters last summer with the specific agreement that we would send them on foreign service if they received deferments. The nine men listed below are the only ones who were involved in this agreement with State Headquarters:

Research Associates	Radio Technician
Walter E. Farrell	Richard C. King
Stanley F. Kaisel	
Price M. Keeler	
Burton M. Kuck	
David A. Park	
Edward F. Vidro	
John J. Wittkopf	
Anthony J. Yakutis	

GS

OVERSEAS LIST

Name	Dates	Project	Theatre
Black, James R.	3/16/45 - 6/4/45	ABL	ETO

Went over on "tube;" transferred into Transmitter Group.

Cahill, F. Clark	6/19/44 - 3/26/45	ABL	ETO

Associate Technical Director.

Caufield, Wallace B.	6/1/44 - died 1/1/45	ABL	ETO

Was Group Leader of the Investigational Group. Prior to that, he was in the MTO, as Technical Observer. He went to the Continent and was put in charge of the Technical activities of the ABL Paris office in the winter of 1944.

Clark, C. Bruce	2/16/45 - 5/31/45	ABL	ETO

Was in the Investigational Group.

Crispell, Harold L.	2/1/44 - 3/30/44	ABL	ETO

Went over with the original group to TRE.

Dyer, John N.	1/18/44 - 6/10/45	ABL	ETO

Went over as Associate Technical Director. Became Director on April 1, 1944.

Farrell, Walter E.	9/9/44 - 4/12/45	ABL	ETO

Member of the Investigational Group.

Foster, John S., Jr.	3/1/45 - 6/16/45	ABL	ETO

In the MTO the whole time as Technical Observer with the 15th AF. (Went over as Technical Observer on 4/24/44--transferred to ABL 3/1/45.)

Fubini, Eugene	8/26/44 - 4/19/45	ABL	ETO

First in the MTO as Technical Observer on a "beaver" project. After returning first to the United States and then to England, he was assigned to the 8th AF Operational Analysis Section to handle RCM.

OVERSEAS LIST

Name	Dates	Project	Theatre
Goldmark, Peter C.	3/ /43 - 12/15/43	ABL	ETO

Went over as Technical Supervisor.

Galt, John K.	2/15/45 - 6/1/45	ABL	ETO

Joined the Transmitter Group

Goble, Alfred T.	8/16/44 - 6/11/45	ABL	ETO

Group Leader of "window" Group.

Gottlieb, Melvin B.	3/15/45 - 6/11/45	ABL	ETO

Transmitter Group.

Granger, John V.	3/28/44 - 6/2/45	ABL	ETO

First, Receiver Group; second, Antenna Group; third, Communications Group; also, adviser to the 1st TACAF on RCM.

Hammett, Robert L.	6/15/44 - 7/27/44	ABL	ETO

Over on temporary mission concerned with supply problems.

Henkel, Richard L.	2/5/ 44 - 5/22/45	ABL	ETO

Transmitter Group.

Howard, John K.	4/5/44 - 7/15/44	ABL	ETO

Associate Administrative Director, sent over by Harvard to help organize ABL administratively.

Keeler, Pride M.	9/9/44 - 5/26/45	ABL	ETO

Transmitter Group.

OVERSEAS LIST

Name	Dates	Project	Theatre
Hotchkiss, Eugene B.	4/19/44 - 8/ 2/44	ABL	ETO

Officially a liaison trip to co-ordinate ABL, RRL, OSRD activities and channels of communication.

Keuffel, Jack W.	1/6/44 - 6/1/45	ABL	ETO

Communications Group. Previously a member of the original RRL group sent to England in 1943. At that time, he worked at ASE.

Klemm, George H.	8/ 20/43 - 5/29/45	ABL	ETO

Antenna Group--Assistant Group Leader; then Acting Group Leader in 12/44; Group Leader 4/45.

Kuck, Burton M.	9/18/44 - 5/21/45	ABL	ETO

Transmitter Group.

Kuhn, Thomas S.	6/2/44 - 6/4/45	ABL	ETO

Investigational Group first; then assigned to EIS of USSTAF. He was there from 9/44 to 12/44. He was in ONS, 9th AF, from 1/45 until the end of the war.

Lebenbaum, Matthew T.	1/18/44 - 9/29/44	ABL	ETO

Group Leader of Receiver Group.

Lusted, Lee B.	6/18/44 - 6/4/45	ABL	ETO

Went over on the "Petticoat" commission. Remained at ABL in the Investigational Group.

McCouch, Gordon P.	10/1/43 - 7/6/45	ABL	ETO

Was a member of the original team sent over to TRE and remained as member of ABL.

McNees, Sterling G.	3/16/45 - 6/4/45	ABL	ETO

Sent on "tuba". Remained with ABL in the Investigational Group.

OVERSEAS LIST

Name	Dates	Project	Theatre
Noe, Jerre D.	2/1/44 - 6/10/45	ABL	ETO

Assistant Group Leader of the Investigational Group, and on 4/45 sent to the MTO to take charge of ABL activities in the Theater.

O'Brien, Richard S.	4/2/45 - 6/20/45	ABL	ETO

Sent over to be Group Leader of the Transmitter Group in 4/45. Went to the ASB in 5/45 tottake charge of technical activities. Together with Soderman, supervised an intelligence survey on effectiveness of RCM.

Park, David A.	9/5/44 - 6/4/45	ABL	ETO

Transmitter Group. OAS 8th AF, 2/45 - 3/45.

Pettit, Joseph M.	2/16/45 - 6/10/45	ABL	ETO

Associated Technical Director.

Raburn, Louis E.	3/1/45 - 6/14/45	ABL	ETO

Assigned to the MTO and then transferred to ABL when the Laboratory took over the responsibility for the MTO on 3/1/45.

Reedy, Paul H.	8/ /43 - (term. 1/31/44)	ABL	ETO

Assistant to Goldmark.

Reynolds, Donald K.	2/10/44 - 5/21/45	ABL	ETO

Communications Group.

Robbiano, P. Paul	8/28/44 - 5/ 24/45	ABL	ETO

Transmitter Group.

Soderman, Robert A.	2/16/45 - 6/19/45	ABL	ETO

Special Projects Group as Assistant Group Leader from 2/45 to 3/45; Investigational Group later on, in 4/45. In 5/45 assigned to take charge of intelligence work on the Continent, together with O'Brien.

OVERSEAS LIST

Name	Dates	Project	Theatre
Stephenson, J. Gregg	4/6/44 - 7/11/45	ABL	ETO

Group Leader of Transmitter Group. In the MTO from 7/44 to 9/44. In 4/45 at OAS 8th AF, replacing Fubini.

Villard, O. G.	6/19/44 - 12/30/44	ABL	ETO

He liaisoned with the Services on supply matters.

Case, Margaret	10/25/43 - 6/23/45	ABL	ETO

In charge of Document Room.

Bain, Robert K.	8/28/44 - 5/24/45	ABL	ETO

Investigational Group.

DeFeo, Arthur A.	2/15/45 - 5/29/45	ABL	ETO

Transmitter Group.

Ellis, Allen R.	2/15/45 - 6/9/45	ABL	ETO

Communications Group.

Gariepy, Ernest E.	8/10/44 - 5/17/45	ABL	ETO

Communications Group.

Hagen, Glen D.	2/22/45 - 6/25/45	ABL	ETO

Investigational Group.

Hussey, Fred. L.	2/1/44 - 2/27/45	ABL	ETO

Investigational Group.

OVERSEAS LIST

Name	Dates	Project	Theatre
King, Richard C.	7/29/44 - 5/31/45	ABL	ETO
Communications Group.			
Larson, Lawrence C.	2/1/44 - 6/22/45	ABL	ETO
In charge of Building and Maintenance; also, initially, in charge of transport; in charge of test equipment repairs.			
Symonds, Arthur V.	2/15/45 - 5/31/45	ABL	ETO
Communications Group.			
Horner, Grace	9/43 - 6/23/45	ABL	ETO
Antenna Group.			
Rowlands, Corinne	6/8/44 - 6/23/45	ABL	ETO
Document Room and Accounting Department.			
Burns, Edward	2/11/44 - 1/21/45	ABL	ETO
Machinist.			
Brown, Charles H.	2/13/44 - 6/11/45	ABL	ETO
Shop Foreman.			
Covey, Kenneth R. T.	6/19/44 - 5/24/45	ABL	ETO
Machinist.			
Rheaume, Roger A.	6/19/44 - 5/22/45	ABL	ETO
Machinist			

OVERSEAS LIST

Name	Dates	Project	Theatre
Vallas, Charles L.	10/21/44 - 5/18/45	ABL	ETO

Sent over as member of "Window" Group. First sent over as Consultant to RAF and 8th AF on Window. Sent to MTO on 1/45 - 3/45, 12th and 15th AF. 3/45 - 4/45, 9th AF in France.

White, John W.	3/7/44 - 4/12/45	ABL	ETO

Machinist.

VanDyke, Robert E.	3/7/44 - 1/21/45	ABL	ETO

Machinist.

Cate, Alfred R.	11/9/43 - 6/12/45	ABL	ETO

In charge of drafting.

LeBoutillier, G. T.	2/11/44 - 5/29/45	ABL	ETO

Draftsman.

Shaw, Robert H.	2/11/44 - 8/28/44	ABL	ETO

Draftsman.

Darcy, Hugh N.	7/3/44 - 6/22/45	ABL	ETO

In charge of stockroom.

Meek, Helen G.	7/44 - 6/22/45	ABL	ETO

Stockroom clerk.

Moskler, Beatrice	6/44 - 6/23/45	ABL	ETO

Stockroom clerk.

...R-EAS LIST

Name	Dates	Project	Theatre
...erson, Julia	3/9/45 - 7/7/45	ABL	ETO
Accounting Department			
...idwin, Rosemary	9/6/43 - 6/22/45	ABL	ETO
Assistant Business Manager			
...lark, Shirley L.	6/8/44 - 6/23/45	ABL	ETO
Investigational Group secretary			
...le, Muriel	8/8/44 - 7/7/45	ABL	ETO
Secretary to Business Manager			
...enn, Eva (Mrs. Donald K. Reynolds)	2/16/44 - 6/23/45	ABL	ETO
Transmitter Group secretary			
Gilbert, Doris E.	2/12/44 - 6/22/45	ABL	ETO
Secretary to Mr. Chase. Then assigned to Paris, to ASB, as Administrative Assistant.			
Gray, Virginia A.	2/16/44 - 7/7/45	ABL	ETO
Assistant to Mr. MacKillop in the Accounting Department			
Kaspar, Rosalind	6/10/44 - 6/23/45	ABL	ETO
Teletype Operator			
Mumford, Katherine E. (Mrs. John V. Granger)	8/8/44 - 6/22/45	ABL	ETO
Secretary at ABL; then assigned to OAS 8th AF as secretary to Dr. Fubini.			

Name	Dates	Project	Theatre
Palm, Doris C.	6/29/44 - 6/23/45	ABL	ETO
Communications Group secretary.			
White, Shirlee	9/ /43 - 9/44	ABL	ETO
Secretary to Mr. Goldmark.			
VanZandt, Jean C.	1/44 - 1/45	ABL	ETO
Assistant to Mr. MacKillop.			
Sullivan, John T.	6/29/44 - 6/23/45	ABL	ETO
In charge of cars.			
Hollywood, John M.	8/28/43 - 6/13/45	ABL	ETO
Technical Consultant.			
Lewis, Robert F. (CBS)	11/8/43 - 4/45	ABL	ETO
Antenna Group Leader; later, from 2/45 - 4/45, he was in charge of technical activities of the ASB.			
Reeves, James J. (CBS)	8/43 - 2/44	ABL	ETO
Receiver Group.			
Suhadolink, L. E. (CBS)	8/15/43 - 6/28/44	ABL	ETO
Transmitter Group.			
Wilner, John T. (CBS)	8/15/43 - 9/3/44	ABL	ETO
Transmitter Group Leader.			

Name	Dates	Project	Theatre
e, Wilbur W. (CBS) First, machinist; then Antenna Group technician.	11/8/43 - 6/9/45	ABL	ETO
tz, Nathaniel J. (CBS) Machinist	11/16/43 - 1/14/44	ABL	ETO
ter, Herbert G. (CBS) Receiver Group.	8/30/43 - 8/26/44	ABL	ETO
ler, Edwin W. (CBS) Transmitter Group.	8/43 - 5/19/45	ABL	ETO
angroom, Henry J. (CBS) Receiver Group.	8/30/43 - 10/44	ABL	ETO
lson, Robert E. (CBS) Transmitter Group.	8/43 - 10/44	ABL	ETO
D'Agostine, Dante J. (CBS) Machinist	8/43 - 2/3/44	ABL	ETO
Doncaster, Daniel P. (CBS) Machinist	8/43 - 2/14/44	ABL	ETO
Failla, Carmel (CBS) Machinist	11/8/43 - 6/13/45	ABL	ETO
Mastrianni, Joseph W. (CBS) Machinist	8/43 - 3/6/44	ABL	ETO
Leaf, Morris H. (CBS) Stockroom clerk.	8/43 - 1/1/44		

Name	Dates	Project	Theatre
tler, Gladys (CBS)	3/24/44 - 6/22/45	ABL	ETO
Secretary to Director			
ens, William E. (BTL)	12/43 - 5/17/45	ABL	ETO
Communications Group Leader			
enckel, V. H.	8/43 -	ABL	ETO

Was loaned by General Electric as Acting Director of ABL until succeeded by Mr. Dyer, when he became a member of the Advisory Specialist Group of USSTAF. He was then attached to SHAEF Headquarters.